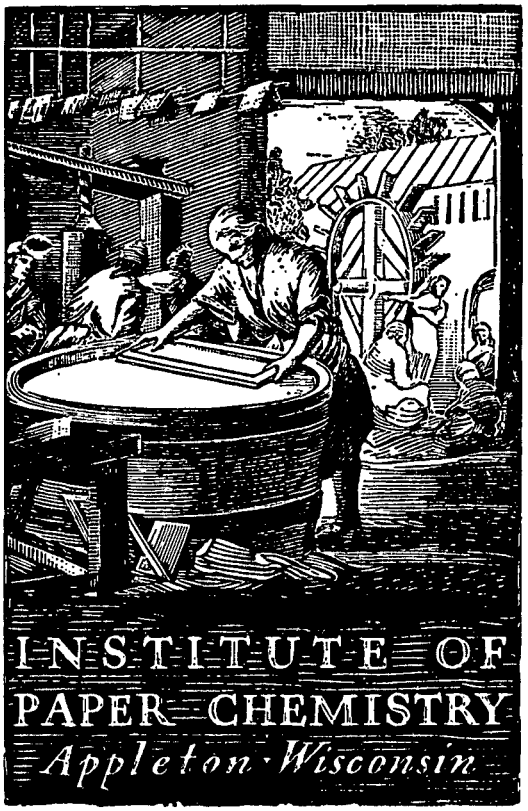

BASE-LINE

First Quarter, 1985

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JANUARY, FEBRUARY, MARCH, 1985)

Project 2694-1

Report Ninety-Five
A Progress Report
to
FOURDRINIER KRAFT BOARD GROUP
OF THE
AMERICAN PAPER INSTITUTE

June 1, 1985

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JANUARY, FEBRUARY, MARCH, 1985)

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to

FOURDRINIER KRAFT BOARD GROUP

OF THE

AMERICAN PAPER INSTITUTE

June 1, 1985

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THE INSTITUTE OF PAPER CHEMISTRY

Appleton, Wisconsin

CONTINUOUS BASE-LINE STUDY (MODIFIED)
(MILL LINERBOARD DATA FOR JANUARY, FEBRUARY, MARCH, 1985)

SUMMARY

PART I: SUMMARY OF MOISTURE CONTENT DATA (DEC-MAR, 1985)

Linerboard Grade Wt.		Moisture Content DEC	JAN	FEB	MAR
26 Lb	Max.	6.3	6.6	6.5	6.3
	Min.	3.1	3.2	3.4	3.3
	Ave.	5.1(15)	5.1(14)	5.2(14)	5.2(17)
33 Lb	Max.	6.7	6.7	6.4	6.4
	Min.	3.8	4.3	4.1	4.4
	Ave.	5.3(24)	5.3(20)	5.4(24)	5.6(23)
38 Lb	Max.	6.3	6.3	6.2	6.6
	Min.	4.7	4.9	4.4	4.9
	Ave.	5.6(16)	5.6(17)	5.6(19)	5.7(17)
42 Lb	Max.	6.5	6.4	6.5	6.6
	Min.	4.7	4.9	4.6	4.8
	Ave.	5.8(39)	5.7(39)	5.8(39)	5.8(38)
69 Lb	Max.	6.9	7.0	7.0	7.4
	Min.	5.0	5.5	5.1	5.0
	Ave.	6.2(26)	6.2(28)	6.2(29)	6.2(31)
90 Lb	Max.	7.0	7.2	7.9	7.3
	Min.	5.2	5.6	5.7	5.5
	Ave.	6.2(12)	6.3(11)	6.5(13)	6.3(13)

Max. and Min. values are current machine averages.
Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

PART II: SUMMARY OF ADJUSTED BASIS WEIGHT DATA
(DEC-MAR, 1985)

Linerboard Grade Wt.		Adjusted Basis Weight, lb/M sq ft			
		DEC	JAN	FEB	MAR
26 Lb	Max.	28.6	29.0	28.5	28.5
	Min.	26.0	25.8	26.1	26.1
	Ave.	26.6(15)	26.5(14)	26.5(14)	26.5(17)
33 Lb	Max.	34.6	35.0	34.0	34.2
	Min.	32.5	32.8	32.8	32.5
	Ave.	33.4(24)	33.4(20)	33.3(24)	33.3(23)
38 Lb	Max.	39.3	40.3	39.9	40.6
	Min.	38.1	37.8	37.9	37.8
	Ave.	38.5(16)	38.5(17)	38.6(19)	38.6(17)
42 Lb	Max.	44.2	42.8	43.0	43.0
	Min.	41.7	41.6	41.6	41.6
	Ave.	42.4(39)	42.3(39)	42.3(39)	42.3(38)
69 Lb	Max.	70.0	69.9	71.6	71.1
	Min.	68.3	68.4	68.3	67.6
	Ave.	69.4(26)	69.3(28)	69.5(29)	69.4(31)
90 Lb	Max.	91.0	91.6	93.0	93.3
	Min.	89.3	89.9	90.1	89.8
	Ave.	90.4(12)	90.6(11)	90.8(13)	90.6(13)

Max. and Min. values are current machine averages.
Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

PART III: SUMMARY OF CALIPER DATA (DEC-MAR, 1985)

Linerboard Grade Wt.		Caliper, pt. DEC	JAN	FEB	MAR
26 Lb	Max.	8.7	8.9	8.6	9.2
	Min.	7.2	7.5	7.4	7.4
	Ave.	8.0(15)	8.0(14)	7.8(14)	8.0(17)
33 Lb	Max.	11.3	10.9	11.1	11.0
	Min.	8.7	9.1	8.9	8.1
	Ave.	10.0(23)	10.0(19)	9.9(23)	9.8(22)
38 Lb	Max.	11.7	11.8	11.8	12.5
	Min.	9.5	9.6	9.8	9.2
	Ave.	10.9(15)	11.0(16)	10.8(18)	11.0(14)
42 Lb	Max.	13.3	13.3	13.4	13.9
	Min.	10.7	10.4	10.6	10.3
	Ave.	12.0(38)	12.0(38)	11.9(38)	11.9(37)
69 Lb	Max.	23.0	21.9	22.2	21.5
	Min.	17.4	17.1	17.1	17.1
	Ave.	19.7(24)	19.6(27)	19.6(28)	19.5(30)
90 Lb	Max.	26.3	27.4	27.7	28.1
	Min.	22.9	23.1	23.1	21.4
	Ave.	25.2(12)	25.2(11)	25.5(13)	25.3(13)

Max. and Min. values are current machine averages.
Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

PART IV: SUMMARY OF BURSTING STRENGTH DATA
(DEC-MAR, 1985)

Linerboard Grade Wt.		Bursting Strength, psig			
		DEC	JAN	FEB	MAR
26 Lb	Max.	84	83	83	91
	Min.	64	64	65	66
	Ave.	72(15)	71(14)	72(14)	74(17)
33 Lb	Max.	108	101	101	100
	Min.	78	79	77	79
	Ave.	86(24)	87(20)	87(24)	86(23)
38 Lb	Max.	104	109	106	108
	Min.	89	90	88	89
	Ave.	96(16)	98(17)	98(19)	98(17)
42 Lb	Max.	123	116	123	123
	Min.	100	99	99	99
	Ave.	105(39)	106(39)	106(39)	106(38)
69 Lb	Max.	161	161	157	159
	Min.	134	134	132	133
	Ave.	144(26)	144(28)	142(29)	143(31)
90 Lb	Max.	197	192	195	196
	Min.	154	155	156	153
	Ave.	176(12)	173(11)	170(13)	170(13)

Max. and Min. values are current machine averages.
Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

PART V: SUMMARY OF CD RING CRUSH DATA
(DEC-MAR, 1985)

Linerboard Grade Wt.		CD Ring Crush, lb			
		DEC	JAN	FEB	MAR
26 Lb	Max.	53.0	55.0	51.0	48.0
	Min.	29.0	28.0	30.0	30.0
	Ave.	39.6(8)	37.9(7)	39.3(8)	38.6(10)
33 Lb	Max.	69.0	66.0	68.0	64.0
	Min.	41.0	40.0	37.0	35.0
	Ave.	54.0(16)	53.7(12)	54.6(13)	54.2(14)
38 Lb	Max.	79.0	78.0	74.0	74.0
	Min.	51.0	52.6	53.7	54.0
	Ave.	67.4(11)	65.2(12)	65.4(14)	66.1(12)
42 Lb	Max.	85.0	97.0	82.0	82.0
	Min.	57.7	54.0	53.0	52.0
	Ave.	71.4(27)	72.0(27)	71.7(27)	72.8(25)
69 Lb	Max.	131.1	141.0	137.0	139.0
	Min.	97.0	93.0	100.0	97.0
	Ave.	114.2(18)	114.3(20)	113.7(22)	118.1(22)
90 Lb	Max.	187.0	173.0	161.0	174.0
	Min.	132.0	129.0	128.0	136.0
	Ave.	153.7(10)	149.5(10)	145.7(11)	155.0(10)

Max. and Min. values are current machine averages.
Ave. value is current F.K.B.G. average, number of machines is indicated in parentheses.

INTRODUCTION

The continuous base-line study (modified) is a compilation of monthly averages of mill test data obtained routinely on six major grade weights of linerboard manufactured in the member mills of F.K.B.G. Mill data are included for moisture content, basis weight, caliper, bursting strength, and CD ring crush tests made on the production of individual machines which produced at least 500 tons of one or more of the following six major grade weights during a given month: 26, 33, 38, 42, 69, and 90 lb. At the Institute, the as-reported basis weight, corresponding to the as-reported moisture content, is adjusted to a moisture content of 7.8%. Both the as-reported and the adjusted basis weight averages are included in the report. Note that the moisture content at the as-reported basis weight (not shown in Tables) does not necessarily agree with the moisture content indicated in the report as measured at the reel. This is because some mills measure their basis weight at other than reel or standard conditions. The as-reported basis weight is included in the tables for reference only and should not be used for comparison purposes.

PRESENTATION OF DATA

For the six major grade weights of linerboard referred to earlier, mill test averages for moisture content, basis weight (reported and adjusted), caliper, bursting strength, and CD ring crush are compiled in the following tables.

Table Number	Description
I-II-III-IV	Mill Test Averages on 26-lb Linerboard
V-VI-VII-VIII	Mill Test Averages on 33-lb Linerboard
IX-X-XI-XII	Mill Test Averages on 38-lb Linerboard
XIII-XIV-XV-XVI	Mill Test Averages on 42-lb Linerboard
XVII-XVIII-XIX-XX	Mill Test Averages on 69-lb Linerboard
XXI-XXII-XXIII-XXIV	Mill Test Averages on 90-lb Linerboard

TABLE I

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
		MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA		
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	5.8	5.8	100.0	116.0	25.9	25.9	100.0	99.2	26.5	26.4	100.4	99.6	7.9	7.7	102.6	98.8	66	67	98.5	91.7
B1	6.6	6.4	103.1	132.0	25.7	26.0	98.8	98.5	25.8	26.1	98.8	97.0	7.8	7.6	102.6	97.5	65	66	98.5	90.3
H1		5.3				25.8				26.5				7.4				78		
X1	5.2	5.0	104.0	104.0	26.1	26.4	98.9	100.0	26.2	26.4	99.2	98.5	8.0	8.0	100.0	100.0	68	67	101.5	94.4
A2	3.2	3.7	86.5	64.0	25.2	25.7	98.0	96.6	26.5	26.9	98.5	99.6	8.9	8.8	101.1	111.2	68	70	97.1	94.4
C2	6.0	5.9	101.7	120.0	25.8	25.2	102.4	98.8	26.3	25.8	101.9	98.9	8.0	7.8	102.6	100.0	70	70	100.0	97.2
E2	5.0	5.0	100.0	100.0	26.0	26.1	99.6	99.6	26.1	26.2	99.6	98.1	8.0	7.9	101.3	100.0	72	72	100.0	100.0
G2	3.7	3.4	108.8	74.0	27.8	26.9	103.3	106.5	29.0	28.2	102.8	109.0	7.8	7.2	108.3	97.5	78	75	104.0	108.3
H2		5.3				25.7				26.4				7.2				72		
W2	5.8	5.9	98.3	116.0	26.2	26.2	100.0	100.4	26.3	26.2	100.4	98.9	7.5	7.7	97.4	93.8	68	69	98.6	94.4
C3	4.6	5.1	90.2	92.0	25.4	26.4	96.2	97.3	26.3	27.2	96.7	98.9	7.5	8.1	92.6	93.8	83	84	98.8	115.3
E3		5.0				26.0				26.1				8.0				70		
F3		4.6				26.3				27.2				8.1				76		
R3		5.1				26.0				26.8				8.2				75		
S3	5.8	5.8	100.0	116.0	26.1	26.0	100.4	100.0	26.3	26.2	100.4	98.9	8.8	8.6	102.3	110.0	64	66	97.0	88.9
V3	5.6	5.2	107.7	112.0	26.0	25.8	100.8	99.6	26.6	26.5	100.4	100.0	7.9	7.7	102.6	98.8	66	68	97.0	91.7
Z3	6.1	5.9	103.4	122.0	26.3	26.0	101.2	100.8	26.4	26.1	101.1	99.2	8.0	8.0	100.0	100.0	74	70	105.7	102.8
K4	4.7	5.0	94.0	94.0	25.5	25.6	99.6	97.7	26.4	26.4	100.0	99.2	8.1	7.9	102.5	101.2	80	78	102.6	111.1
M4		6.0				26.0				26.1				7.8				64		
S4		3.9				26.6				26.6				8.5				83		
T4	3.9	4.0	97.5	78.0	25.7	25.9	99.2	98.5	26.8	26.9	99.6	100.8	7.7	7.8	98.7	96.2	72	71	101.4	100.0
FKBG DATA																				
CUR. AV.	5.1				26.0				26.5				8.0				71			
CUM. AV.	5.0				26.1				26.6				8.0				72			
IND. *D	102.0				99.6				99.6				100.0				98.6			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE II

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
		MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	6.0	5.8	103.4	120.0	26.0	25.9	100.4	99.6	26.5	26.4	100.4	99.6	7.5	7.7	97.4	93.8	65	67	97.0	90.3
B1	6.5	6.5	100.0	130.0	26.0	26.0	100.0	99.6	26.1	26.0	100.4	98.1	7.6	7.6	100.0	95.0	65	66	98.5	90.3
O1	5.9			118.0	26.0			99.6	26.1			98.1	7.6			95.0	76			105.6
M1		5.3				25.8				26.5				7.4				78		
X1	5.0	5.0	100.0	100.0	26.1	26.3	99.2	100.0	26.2	26.4	99.2	98.5	7.8	8.0	97.5	97.5	67	68	98.5	93.0
A2		3.6				25.6				26.8				8.8				69		
C2		5.9				25.4				25.9				8.0				70		
E2	5.0	5.0	100.0	100.0	26.1	26.0	100.4	100.0	26.2	26.2	100.0	98.5	8.1	7.9	102.5	101.2	72	72	100.0	100.0
G2	3.4	3.5	97.1	68.0	27.2	27.0	100.7	104.2	28.5	28.3	100.7	107.1	7.4	7.3	101.4	92.5	77	76	101.3	106.9
H2		5.2				25.7				26.4				7.2				72		
W2	5.6	5.9	94.9	112.0	26.1	26.2	99.6	100.0	26.2	26.3	99.6	98.5	7.6	7.7	98.7	95.0	67	69	97.1	93.0
C3	5.5	5.0	110.0	110.0	25.7	26.3	97.7	98.5	26.3	27.1	97.0	98.9	7.6	8.0	95.0	95.0	83	84	98.8	115.3
E3		5.0				26.0				26.1				8.0				76		
F3		4.6				26.3				27.2				8.1				76		
R3		5.1				26.0				26.8				8.1				75		
S3	6.0	5.8	103.4	120.0	26.0	26.0	100.0	99.6	26.2	26.2	100.0	98.5	8.6	8.6	100.0	107.5	66	65	101.5	91.7
V3	5.8	5.2	111.5	116.0	26.0	25.8	100.8	99.6	26.6	26.6	100.0	100.0	7.6	7.8	97.4	95.0	66	68	97.0	91.7
Z3	6.1	6.0	101.7	122.0	26.5	26.1	101.5	101.5	26.6	26.2	101.5	100.0	8.0	8.0	100.0	100.0	79	70	112.8	109.7
K4	4.6	5.0	92.0	92.0	25.3	25.6	98.8	96.9	26.2	26.4	99.2	98.5	8.2	8.0	102.5	102.5	77	78	98.7	106.9
M4		6.0				26.0				26.1				7.8				64		
S4	3.8	3.8	100.0	76.0	26.3	26.5	99.2	100.8	26.4	26.6	99.2	99.2	8.3	8.5	97.6	103.8	81	83	97.6	112.5
T4	4.0	4.0	100.0	80.0	25.4	25.8	98.4	97.3	26.4	26.9	98.1	99.2	7.8	7.8	100.0	97.5	71	71	100.0	98.6
FKBG DATA																				
CUR. AV.	5.2				26.0				26.5				7.8				72			
CUM. AV.	5.0				26.1				26.6				8.0				72			
IND. *D	104.0				99.6				99.6				97.5				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE III

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	5.9	5.8	101.7	118.0	26.2	25.9	101.2	100.4	26.8	26.4	101.5	100.8	7.5	7.7	97.4	94.9	69	68	101.5	95.8
B1	6.3	6.5	96.9	126.0	26.0	26.0	100.0	99.6	26.1	26.0	100.4	98.1	8.0	7.6	105.3	101.3	67	66	101.5	93.0
D1	5.9	5.9	100.0	118.0	26.0	26.0	100.0	99.6	26.1	26.1	100.0	98.1	7.8	7.6	102.6	98.7	76	76	100.0	105.6
H1		5.3				25.8				26.5				7.4				78		
X1	4.9	5.0	98.0	98.0	26.2	26.3	99.6	100.4	26.3	26.4	99.6	98.9	8.0	8.0	100.0	101.3	66	67	98.5	91.7
A2		3.6				25.6				26.8				8.8				70		
C2	5.9	5.9	100.0	118.0	25.6	25.4	100.8	98.1	26.1	26.0	100.4	98.1	8.0	8.0	100.0	101.3	72	70	102.8	100.0
E2	5.0	5.0	100.0	100.0	26.0	26.1	99.6	99.6	26.1	26.2	99.6	98.1	8.2	7.9	103.8	103.8	70	72	97.2	97.2
G2	3.3	3.4	97.0	66.0	27.2	27.0	100.7	104.2	28.5	28.3	100.7	107.1	7.4	7.3	101.4	93.7	77	75	102.7	106.9
H2		5.2				25.7				26.4				7.2				72		
W2	5.8	5.9	98.3	116.0	26.0	26.1	99.6	99.6	26.1	26.2	99.6	98.1	7.7	7.6	101.3	97.5	67	68	98.5	93.0
C3	5.8	5.0	116.0	116.0	25.9	26.4	98.1	99.2	26.5	27.2	97.4	99.6	7.7	8.0	96.2	97.5	88	85	103.5	122.2
E3		5.0				26.0				26.1				8.0				76		
F3	4.6	4.6	100.0	92.0	25.9	26.4	98.1	99.2	26.8	27.3	98.2	100.8	8.2	8.2	100.0	103.8	70	78	89.7	97.2
R3		5.2				26.0				26.8				8.1				76		
S3	5.8	5.8	100.0	116.0	26.1	26.0	100.4	100.0	26.3	26.2	100.4	98.9	9.2	8.6	107.0	116.4	66	66	100.0	91.7
V3	6.0	5.3	113.2	120.0	26.1	25.9	100.8	100.0	26.6	26.6	100.0	100.0	7.6	7.7	98.7	96.2	66	68	97.0	91.7
X3	4.4			88.0	25.3			96.9	26.2			98.5	7.8			98.7	80			111.1
Z3	6.0	6.0	100.0	120.0	26.3	26.1	100.8	100.8	26.4	26.2	100.8	99.2	8.6	8.0	107.5	108.9	73	71	102.8	101.4
K4	4.8	5.0	96.0	96.0	25.4	25.6	99.2	97.3	26.2	26.4	99.2	98.5	8.1	8.0	101.2	102.5	82	78	105.1	113.9
M4		6.0				26.0				26.1				7.8				64		
S4	3.7	3.9	94.9	74.0	26.4	26.5	99.6	101.1	26.5	26.6	99.6	99.6	8.1	8.4	96.4	102.5	91	83	109.6	126.4
T4	3.9	4.0	97.5	78.0	25.3	25.8	98.1	96.9	26.4	26.9	98.1	99.2	7.7	7.7	100.0	97.5	72	71	101.4	100.0
FKBG DATA																				
CUR. AV.	5.2				26.0				26.5				8.0				74			
CUM. AV.	5.0				26.1				26.6				7.9				72			
IND. *D	104.0				99.6				99.6				101.3				102.8			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE IV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 26 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	36.0	33.5	107.5	97.0	40.0	34.1	117.3	107.5	41.0	35.0	117.1	109.6
B1												
O1					40.0			107.5	42.0	40.0	105.0	112.3
W1		36.0				36.0				36.0		
X1												
A2	39.0	37.1	105.1	105.1		37.6				37.7		
C2	39.0	31.8	122.6	105.1		33.0			35.0	33.2	105.4	93.6
E2	28.0	31.2	89.7	75.5	30.0	30.9	97.1	80.6	30.0	30.4	98.7	80.2
G2	55.0	48.2	114.1	148.2	51.0	48.4	105.4	137.1	48.0	49.1	97.8	128.3
H2		31.0				31.1				31.1		
W2												
C3												
E3		31.2				31.2				31.2		
F3												
R3		45.0				45.0				45.0		
S3	33.0	38.8	85.0	88.9	35.0	38.2	91.6	94.1	35.0	37.7	92.8	93.6
V3		49.0				49.0				49.0		
X3									34.0			90.9
Z3		41.8			47.0	41.9	112.2	126.3	45.0	42.4	106.1	120.3
K4												
M4												
S4		35.3			35.0	35.3	99.2	94.1	39.0	35.4	110.2	104.3
T4	35.6	35.8	99.4	96.0	36.6	35.4	103.4	98.4	37.3	35.5	105.1	99.7
FKBG DATA												
CUR. AV.	37.9				39.3				38.6			
CUM. AV.	37.1				37.2				37.4			
IND. *D	102.2				105.6				103.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE V

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1965

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	5.7	6.0	95.0	107.5	32.7	32.5	100.6	99.7	33.5	33.2	100.9	100.3	9.7	9.7	100.0	98.0	80	82	97.6	93.0
B1	6.7	6.6	101.5	126.4	32.7	33.0	99.1	99.7	32.8	33.1	99.1	98.2	10.4	10.0	104.0	105.0	87	87	100.0	101.2
W1	5.1	5.5	92.7	96.2	32.3	32.4	99.7	98.5	33.2	33.2	100.0	99.4	9.4	9.5	98.9	94.9	87	89	97.8	101.2
X1	5.0	5.4	92.6	94.3	33.2	33.3	99.7	101.2	33.3	33.4	99.7	99.7	10.1	9.9	102.0	102.0	84	81	103.7	97.7
A2	4.6	4.3	107.0	86.8	32.3	32.4	99.7	98.5	33.4	33.7	99.1	100.0	10.8	10.7	100.9	109.1	86	89	96.6	100.0
C2	5.8	6.0	96.7	109.4	32.1	31.7	101.3	97.9	32.8	32.3	101.5	98.2	9.8	9.6	102.1	99.0	81	82	98.8	94.2
E2	5.0	5.0	100.0	94.3	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	10.2	10.1	101.0	103.0	85	85	100.0	98.8
G2	4.3	4.0	107.5	81.1	32.5	32.9	98.8	99.1	33.7	34.2	98.5	100.9	9.1	8.8	103.4	91.9	89	86	103.5	103.5
H2		5.5				32.7				33.5				9.4				84		
I2	5.0	4.9	102.0	94.3	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	10.0	10.2	98.0	101.0	93	90	103.3	108.1
K2	4.5	4.5	100.0	84.9	32.4	32.4	100.0	98.8	33.6	33.6	100.0	100.6	10.9	11.5	94.8	110.1	86	87	98.8	100.0
M2	6.0	6.0	100.0	113.2	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.7	9.7	9.8	99.0	98.0	84	82	102.4	97.7
C3	4.5	5.1	88.2	84.9	33.8	33.2	101.8	103.0	35.0	34.2	102.3	104.8	9.4	9.9	96.9	94.9	101	100	101.0	117.4
D3		5.9				33.0				33.1				8.8				88		
E3		5.0				33.0				33.1				9.8				84		
F3	5.3	5.3	100.0	100.0	33.2	33.2	100.0	101.2	34.1	34.2	99.7	102.1	10.5	9.8	107.1	106.1	82	85	96.5	95.3
J3		4.6				32.4				32.8				9.9				82		
P3	4.8	5.7	84.2	90.6	32.4	32.9	98.5	98.8	33.5	33.7	99.4	100.3	9.5	9.6	99.0	96.0	93	92	101.1	108.1
R3	5.2	5.4	96.3	98.1	32.6	33.0	98.8	99.4	33.5	33.9	98.8	100.3	9.6	10.1	95.0	97.0	84	85	98.8	97.7
S3	5.8	5.9	98.3	109.4	32.9	33.0	99.7	100.3	33.2	33.3	99.7	99.4	10.8	10.3	104.8	109.1	79	79	100.0	91.9
T3		5.4				33.0				33.3				10.0				81		
U3		5.0				32.6				32.9				10.4				87		
V3		5.5				32.7				33.5				10.0				82		
X3		5.0				32.8				33.2				9.5				91		
Z3	6.1	6.0	101.7	115.1	33.4	33.0	101.2	101.8	33.5	33.2	100.9	100.3	10.3	10.2	101.0	104.0	88	83	106.0	102.3
F4	5.8	5.8	100.0	109.4	33.3	33.1	100.6	101.5	33.4	33.2	100.6	100.0					81	81	100.0	94.2
K4	5.5	5.6	98.2	103.8	32.1	32.2	99.7	97.9	32.9	32.9	100.0	98.5	9.8	10.5	93.3	99.0	96	97	99.0	111.6
M4		6.3				33.0				33.1				9.2				87		
T4	4.5	4.5	100.0	84.9	32.4	32.6	99.4	98.8	33.6	33.8	99.4	100.6	9.3	9.7	95.9	93.9	89	86	103.5	103.5
U4		5.0				32.6				33.5				9.8				84		
FKBG DATA																				
CUR. AV.	5.3				32.8				33.4				10.0				87			
CUM. AV.	5.3				32.8				33.4				9.9				86			
IND. *D	100.0				100.0				100.0				101.0				101.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	6.0	6.0	100.0	113.2	32.5	32.6	99.7	99.1	33.2	33.2	100.0	99.4	9.7	9.7	100.0	98.0	86	82	104.9	100.0
B1	6.4	6.6	97.0	120.8	33.0	32.9	100.3	100.6	33.1	33.0	100.3	99.1	10.4	10.0	104.0	105.0	86	87	98.8	100.0
D1	5.7			107.5	33.0			100.6	33.1			99.1	9.5			96.0	95			110.5
W1	5.5	5.5	100.0	103.8	32.6	32.4	100.6	99.4	33.4	33.2	100.6	100.0	9.4	9.5	98.9	94.9	87	89	97.8	101.2
X1	5.3	5.4	98.1	100.0	33.2	33.3	99.7	101.2	33.3	33.4	99.7	99.7	10.0	9.9	101.0	101.0	82	81	101.2	95.3
A2	4.4	4.4	100.0	83.0	32.3	32.4	99.7	98.5	33.5	33.6	99.7	100.3	11.1	10.7	103.7	112.1	88	88	100.0	102.3
C2	5.9	6.0	98.3	111.3	32.1	31.8	100.9	97.9	32.8	32.4	101.2	98.2	10.3	9.7	106.2	104.0	80	82	97.6	93.0
E2	5.0	5.0	100.0	94.3	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	10.1	10.1	100.0	102.0	84	85	98.8	97.7
G2	4.1	4.1	100.0	77.4	32.5	32.9	98.8	99.1	33.8	34.2	98.8	101.2	8.9	6.9	100.0	89.9	86	87	98.8	100.0
H2		5.5				32.7				33.5				9.4				84		
I2	5.1	4.9	104.1	96.2	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	9.9	10.2	97.0	100.0	90	90	100.0	104.6
R2	4.4	4.6	95.6	83.0	32.4	32.4	100.0	98.8	33.6	33.6	100.0	100.6	10.7	11.4	93.8	108.1	86	87	98.8	100.0
T2	4.6			86.8	32.3			98.5	33.4			100.0	9.5			96.0	83			96.5
W2	5.8	6.0	96.7	109.4	33.1	33.1	100.0	100.9	33.3	33.3	100.0	99.7	9.7	9.8	99.0	98.0	87	82	106.1	101.2
C3	5.5	5.0	110.0	103.8	32.2	33.3	96.7	98.2	33.0	34.3	96.2	98.8	9.1	9.9	91.9	91.9	101	101	100.0	117.4
D3		5.9				33.0				33.1				8.8				88		
E3		5.0				33.0				33.1				9.8				84		
F3	5.1	5.3	96.2	96.2	33.0	33.2	99.4	100.6	34.0	34.2	99.4	101.8	10.2	9.9	103.0	103.0	85	85	100.0	98.8
J3		4.6				32.5				32.8				9.9				82		
P3	5.0	5.7	87.7	94.3	32.1	32.9	97.6	97.9	33.1	33.7	98.2	99.1	9.2	9.6	95.8	92.9	86	94	91.5	100.0
R3		5.4				33.0				33.8				10.0				85		
S3	6.0	5.8	103.4	113.2	32.9	33.0	99.7	100.3	33.2	33.2	100.0	99.4	10.4	10.4	100.0	105.0	82	79	103.8	95.3
T3		5.4				33.0				33.3				10.0				81		
U3		5.0				32.6				32.9				10.4				87		
V3	5.7	5.6	101.8	107.5	32.9	32.7	100.6	100.3	33.7	33.5	100.6	100.9	9.9	10.0	99.0	100.0	77	82	93.9	89.5
X3		5.0				32.8				33.2				9.4				90		
Z3	6.3	6.0	105.0	118.9	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	10.8	10.2	105.9	109.1	91	84	108.3	105.8
F4	5.8	5.8	100.0	109.4	33.1	33.1	100.0	100.9	33.2	33.2	100.0	99.4					83	81	102.5	96.5
K4	5.5	5.6	98.2	103.8	32.4	32.2	100.6	98.8	33.2	33.0	100.6	99.4	10.2	10.4	98.1	103.0	95	97	97.9	110.5
M4	6.3	6.3	100.0	118.9	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	8.9	9.2	96.7	89.9	95	87	109.2	110.5
T4	4.5	4.5	100.0	84.9	32.2	32.6	98.8	98.2	33.4	33.8	98.8	100.0	9.5	9.7	97.9	96.0	88	86	102.3	102.3
U4	5.0	5.0	100.0	94.3	32.3	32.6	99.1	98.5	33.3	33.5	99.4	99.7	9.8	9.8	100.0	99.0	80	84	95.2	93.0
FKBG DATA																				
CUR. AV.	5.4				32.7				33.3				9.9				87			
CUM. AV.	5.3				32.8				33.4				9.9				86			
IND. *D	101.9				99.7				99.7				100.0				101.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	6.2	6.0	103.3	114.8	32.5	32.6	99.7	99.1	33.1	33.2	99.7	99.1	9.5	9.7	97.9	96.0	87	82	106.1	101.2
B1	6.2	6.5	95.4	114.8	33.0	32.9	100.3	100.6	33.1	33.0	100.3	99.1	10.3	10.0	103.0	104.0	84	88	95.4	97.7
O1	6.0	5.7	105.3	111.1	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	9.9	9.5	104.2	100.0	93	95	97.9	108.1
W1	5.8	5.5	105.4	107.4	32.6	32.4	100.6	99.4	33.3	33.2	100.3	99.7	9.6	9.4	102.1	97.0	84	88	95.4	97.7
X1	5.3	5.4	98.1	98.1	33.2	33.3	99.7	101.2	33.3	33.4	99.7	99.7	10.1	9.9	102.0	102.0	81	81	100.0	94.2
A2		4.4				32.4				33.6				10.7				88		
C2	5.9	6.0	98.3	109.2	31.8	31.9	99.7	97.0	32.5	32.5	100.0	97.3	9.8	9.8	100.0	99.0	83	82	101.2	96.5
E2	5.0	5.0	100.0	92.6	33.0	33.0	100.0	100.6	33.1	33.1	100.0	99.1	10.1	10.1	100.0	102.0	84	85	98.8	97.7
G2	4.8	4.1	117.1	88.9	33.1	32.9	100.6	100.9	34.2	34.2	100.0	102.4	9.1	9.0	101.1	91.9	82	87	94.2	95.3
H2	5.5	5.5	100.0	101.8	32.7	32.7	100.0	99.7	33.5	33.6	99.7	100.3	8.1	9.4	86.2	81.8	84	84	100.0	97.7
I2	5.0	4.9	102.0	92.6	33.1	33.1	100.0	100.9	33.2	33.2	100.0	99.4	9.9	10.2	97.0	100.0	97	90	107.8	112.8
R2	4.4	4.6	95.6	81.5	32.4	32.4	100.0	98.8	33.6	33.6	100.0	100.6	10.9	11.4	95.6	110.1	86	87	98.8	100.0
T2		4.6				32.3				33.4				9.5				83		
W2	6.4	6.0	106.7	118.5	33.0	33.1	99.7	100.6	33.2	33.3	99.7	99.4	9.8	9.8	100.0	99.0	83	83	100.0	96.5
C3	5.6	5.1	109.8	103.7	32.5	33.3	97.6	99.1	33.3	34.3	97.1	99.7	9.6	9.9	97.0	97.0	98	101	97.0	114.0
D3		5.9				33.0				33.1				8.8				89		
E3		5.0				33.0				33.1				9.8				84		
F3	5.4	5.2	103.8	100.0	32.8	33.2	98.8	100.0	33.7	34.2	98.5	100.9	10.1	9.9	102.0	102.0	83	86	96.5	96.5
J3		4.6				32.5				32.8				9.9				83		
P3	4.9	5.6	87.5	90.7	32.3	32.8	98.5	98.5	33.3	33.6	99.1	99.7	9.5	9.5	100.0	96.0	86	92	93.5	100.0
R3	5.8	5.4	107.4	107.4	32.9	33.0	99.7	100.3	33.6	33.9	99.1	100.6	9.6	10.0	96.0	97.0	81	86	94.2	94.2
S3	5.9	5.8	101.7	109.2	32.9	32.9	100.0	100.3	33.2	33.2	100.0	99.4	11.0	10.4	105.8	111.1	80	79	101.3	93.0
T3		5.4				33.0				33.3				10.0				81		
U3		5.0				32.6				32.9				10.4				87		
V3	6.1	5.6	108.9	113.0	33.0	32.7	100.9	100.6	33.6	33.5	100.3	100.6	9.7	10.0	97.0	98.0	79	81	97.5	91.9
X3		5.0				32.8				33.2				9.4				91		
Z3	6.2	6.0	103.3	114.8	33.2	33.1	100.3	101.2	33.3	33.2	100.3	99.7	10.5	10.2	102.9	106.1	87	84	103.6	101.2
F4	5.8	5.8	100.0	107.4	33.3	33.1	100.6	101.5	33.4	33.2	100.6	100.0					81	81	100.0	94.2
K4	5.6	5.6	100.0	103.7	32.1	32.2	99.7	97.9	32.9	33.0	99.7	98.5	10.1	10.4	97.1	102.0	100	97	103.1	116.3
M4		6.3				33.0				33.1				9.2				88		
T4	4.6	4.5	102.2	85.2	32.2	32.6	98.8	98.2	33.3	33.7	98.8	99.7	9.5	9.6	99.0	96.0	86	86	100.0	100.0
U4	5.4	5.0	108.0	100.0	32.5	32.5	100.0	99.1	33.3	33.5	99.4	99.7	9.9	9.8	101.0	100.0	81	83	97.6	94.2
FKBG DATA																				
CUR. AV.	5.6				32.7				33.3				9.8				86			
CUM. AV.	5.4				32.8				33.4				9.9				86			
IND. *D	103.7				99.7				99.7				99.0				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE VIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 33 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
A1	54.0	49.6	108.9	100.4	55.0	50.0	110.0	102.2	58.0	50.5	114.8	107.6
B1												
O1					57.0			105.9	55.0	57.0	96.5	102.0
W1	40.0	52.5	76.2	74.3	37.0	50.8	72.8	68.8	35.0	49.2	71.1	64.9
X1												
A2	53.0	58.7	90.3	98.5	59.0	57.6	102.1	109.7		58.0		
C2	51.0	42.6	119.7	94.8	50.0	44.6	112.1	92.9	44.0	45.3	97.1	81.6
E2	43.0	45.8	93.9	79.9	44.0	45.5	96.7	81.8	44.0	45.2	97.3	81.6
G2	66.0	60.2	109.6	122.7	63.0	60.4	104.3	117.1	60.0	60.2	99.7	111.3
H2		52.2				52.7			60.0	53.1	113.0	111.3
I2	61.0	61.4	99.3	113.4	63.0	61.5	102.4	117.1	64.0	62.0	103.2	118.7
R2	54.0	53.7	100.6	100.4	54.0	53.5	100.9	100.4	55.0	53.5	102.8	102.0
T2												
W2												
C3												
D3												
E3		44.6				44.6				44.6		
F3												
J3		51.2				51.0				51.5		
P3		48.0										
R3	63.1	58.7	107.5	117.3		59.8			61.4	59.8	102.7	113.9
S3	45.0	52.7	85.4	83.6	48.0	52.1	92.1	89.2	48.0	51.8	92.7	89.0
T3		51.0				51.0				51.0		
U3		56.0				56.0				56.0		
V3		62.0				62.0				62.0		
X3		61.4				62.1				61.8		
Z3		61.0			68.0	61.7	110.2	126.4	64.0	62.3	102.7	118.7
F4	60.0	54.2	110.7	111.5	57.0	54.4	104.8	105.9	56.0	54.4	102.9	103.9
K4												
M4												
T4	54.0	52.9	102.1	100.4	55.2	52.5	105.1	102.6	54.1	52.4	103.2	100.4
U4												

FKBG DATA

CUR. AV.	53.7				54.6				54.2			
CUM. AV.	53.8				53.8				53.9			
IND. *D	99.8				101.5				100.6			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE IX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 30 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1		5.6				37.8				38.7				10.6				94		
G1		5.4				37.6				38.5				11.1				96		
H1		6.1				37.6				38.3				10.0				96		
X1	4.9	5.4	90.7	87.5	38.1	38.3	99.5	100.3	38.2	38.4	99.5	99.2	10.9	11.0	99.1	100.0	97	95	102.1	100.0
A2		4.9				37.8				39.0				11.3				98		
B2		4.8				37.6				38.8				11.2				105		
E2	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	11.6	11.2	103.6	106.4	95	95	100.0	97.9
F2		5.6																96		
G2	5.3	5.4	98.1	94.6	38.0	38.1	99.7	100.0	39.0	39.1	99.7	101.3	9.6	9.5	101.0	88.1	95	97	97.9	97.9
H2		5.6				37.5				38.4				10.6				97		
I2	5.4	5.4	100.0	96.4	38.2	38.1	100.3	100.5	38.3	38.2	100.3	99.5	11.0	11.4	96.5	100.9	101	98	103.1	104.1
R2		5.3				37.9				39.0				12.6				98		
T2	6.3	6.2	101.6	112.5	37.7	37.6	100.3	99.2	38.3	38.3	100.0	99.5	10.4	10.5	99.0	95.4	109	99	110.1	112.4
W2	6.3	6.4	98.4	112.5	38.0	38.0	100.0	100.0	38.2	38.2	100.0	99.2	11.2	11.0	101.8	102.8	92	94	97.9	98.8
Y2	6.0	5.6	107.1	107.1	37.7	37.8	99.7	99.2	37.8	37.9	99.7	98.2	10.9	10.6	102.8	100.0	96	98	98.0	99.0
C3		5.3				37.2				38.2				11.4				106		
F3	5.6	5.7	98.2	100.0	38.5	38.6	99.7	101.3	39.4	39.5	99.7	102.3	11.5	11.1	103.6	105.5	90	96	93.8	92.8
G3	5.5	5.6	98.2	98.2	37.6	37.7	99.7	98.9	38.5	38.6	99.7	100.0	10.2	10.7	95.3	93.6	101	101	100.0	104.1
I3		5.6				38.1				38.2				10.8				96		
L3		5.6				37.8				38.7				11.0				99		
P3	5.3	5.7	93.0	94.6	37.3	37.8	98.7	98.2	38.3	38.6	99.2	99.5	10.4	11.0	94.5	95.4	102	99	103.0	105.2
R3	5.5	5.6	98.2	98.2	39.3	38.2	102.9	103.4	40.3	39.1	103.1	104.7	11.7	11.4	102.6	107.3	92	95	96.8	94.8
T3	5.6	5.5	101.8	100.0	38.0	38.3	99.2	100.0	38.3	38.6	99.2	99.5	11.7	11.0	106.4	107.3	100	96	104.2	103.1
Y3	5.7	5.8	98.3	101.8	38.9	38.3	101.6	102.4	39.0	38.4	101.6	101.3	11.5	11.6	99.1	105.5	100	93	107.5	103.1
B4	6.0	5.8	103.4	107.1	38.2	38.4	99.5	100.5	38.3	38.5	99.5	99.5	11.8	10.5	112.4	108.2	92	97	94.8	94.8
F4	5.8	5.8	100.0	103.6	38.4	38.2	100.5	101.0	38.5	38.4	100.3	100.0					94	93	101.1	96.9
K4	5.5	5.9	93.2	98.2	37.3	37.4	99.7	98.2	38.2	38.2	100.0	99.2	11.5	11.7	98.3	105.5	108	112	96.4	111.3
L4		5.8				37.9				38.7				10.8				96		
S4		5.0				38.4				38.4				11.7				104		
T4	4.9	5.2	94.2	87.5	37.4	37.7	99.2	98.4	38.6	38.8	99.5	100.2	10.6	10.8	98.1	97.2	98	97	101.0	101.0

FKBG DATA

CUR. AV.	5.6	38.0	38.5	11.0	98
CUM. AV.	5.6	38.0	38.5	10.9	97
IND. *D	100.0	100.0	100.0	100.9	101.0

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE X

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1	4.4	5.6	78.6	78.6	37.3	37.8	98.7	98.2	38.7	38.7	100.0	100.5	10.2	10.6	96.2	92.7	99	94	105.3	102.1
G1	5.5	5.4	101.8	98.2	37.6	37.6	100.0	98.9	38.5	38.5	100.0	100.0	9.8	11.1	88.3	89.1	96	96	100.0	99.0
O1	6.0			107.1	38.0			100.0	38.1			99.0	11.2			101.8	106			109.3
W1		6.1				37.6				38.3				10.0				96		
X1	5.4	5.3	101.9	96.4	38.2	38.3	99.7	100.5	38.3	38.4	99.7	99.5	11.0	11.0	100.0	100.0	95	96	99.0	97.9
A2		4.9				37.8				39.0				11.3				98		
B2		4.8				37.6				38.8				11.2				105		
E2	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	10.9	11.2	97.3	99.1	96	95	101.0	99.0
F2		5.6																96		
G2	5.5	5.4	101.8	98.2	37.8	38.0	99.5	99.5	38.7	39.0	99.2	100.5	9.8	9.5	103.2	89.1	97	96	101.0	100.0
H2	5.6	5.6	100.0	100.0	37.6	37.5	100.3	98.9	38.5	38.4	100.3	100.0	10.5	10.6	99.0	95.4	96	97	99.0	99.0
I2		5.4				38.1				38.2				11.4				98		
R2		5.3				37.9				39.0				12.6				98		
T2	5.9	6.2	95.2	105.4	37.5	37.6	99.7	98.7	38.3	38.3	100.0	99.5	11.1	10.5	105.7	100.9	97	100	97.0	100.0
W2	6.2	6.4	96.9	110.7	38.1	38.0	100.3	100.3	38.3	38.2	100.3	99.5	11.2	11.0	101.8	101.8	95	94	101.1	97.9
Y2	5.6	5.6	103.6	103.6	37.8	37.8	100.0	99.5	37.9	37.9	100.0	98.4	10.7	10.6	100.9	97.3	101	99	102.0	104.1
C3		5.3				37.2				38.2				11.4				106		
F3	5.5	5.7	96.5	98.2	38.2	38.6	99.0	100.5	39.2	39.4	99.5	101.8	11.6	11.2	103.6	105.4	88	94	93.6	90.7
G3	5.7	5.5	103.6	101.8	38.7	37.7	102.6	101.8	39.6	38.6	102.6	102.8	10.8	10.5	102.8	98.2	105	101	104.0	108.2
I3		5.6				38.1				38.2				10.8				96		
L3	5.3	5.6	94.6	94.6	38.0	37.8	100.5	100.0	39.0	38.7	100.8	101.3	10.5	11.0	95.4	95.4	100	100	100.0	103.1
P3	5.0	5.7	87.7	89.3	37.2	37.8	98.4	97.9	38.3	38.6	99.2	99.5	10.4	11.0	94.5	94.5	106	99	107.1	109.3
R3	5.9	5.6	105.4	105.4	39.1	38.3	102.1	102.9	39.9	39.2	101.8	103.6	11.8	11.5	102.6	107.3	93	94	98.9	95.9
T3	5.8	5.5	105.4	103.6	38.2	38.2	100.0	100.5	38.5	38.6	99.7	100.0	11.3	11.1	101.8	102.7	100	97	103.1	103.1
Y3	6.0	5.8	103.4	107.1	38.5	38.4	100.3	101.3	38.6	38.5	100.2	100.2	10.3	11.7	88.0	93.6	101	94	107.4	104.1
B4		5.8				38.4				38.5				10.7				96		
F4	5.8	5.8	100.0	103.6	38.4	38.3	100.3	101.0	38.5	38.4	100.3	100.0					95	93	102.2	97.9
K4		5.8				37.4				38.2				11.7				111		
L4		5.8				37.9				38.7				10.8				96		
S4		5.0				38.3				38.4				11.7				104		
T4	5.4	5.2	103.8	96.4	37.4	37.7	99.2	98.4	38.4	38.8	99.0	99.7	10.6	10.8	98.1	96.4	99	97	102.1	102.1
FKBG DATA																				
CUR. AV.	5.6				38.0				38.6				10.8				98			
CUM. AV.	5.6				38.0				38.5				11.0				97			
IND. *D	100.0				100.0				100.2				98.2				101.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1	4.9	5.5	89.1	87.5	37.8	37.7	100.3	99.5	39.0	38.7	100.8	101.3	10.8	10.6	101.9	99.1	108	94	114.9	111.3
G1	5.8	5.4	107.4	103.6	37.8	37.6	100.5	99.5	38.6	38.6	100.0	100.2	11.7	11.0	106.4	107.3	93	96	96.9	95.9
O1		6.0				38.0				38.1				11.2				106		
W1		6.1				37.6				38.3				10.0				96		
X1		5.3				38.3				38.4				11.0				96		
A2		4.9				37.8				39.0				11.3				98		
B2		4.8				37.6				38.8				11.2				105		
E2	6.0	6.0	100.0	107.1	38.0	38.0	100.0	100.0	38.1	38.1	100.0	99.0	11.1	11.1	100.0	101.8	95	95	100.0	97.9
F2	5.2	5.6	92.8	92.8	39.5			103.9	40.6			105.4					101	96	105.2	104.1
G2	6.1	5.4	113.0	108.9	37.3	38.0	98.2	98.2	38.0	39.0	97.4	98.7	9.2	9.6	95.8	84.4	93	97	95.9	95.9
H2	5.8	5.6	103.6	103.6	37.9	37.5	101.1	99.7	38.7	38.4	100.8	100.5	10.2	10.6	96.2	93.6	89	97	91.8	91.8
I2	5.2	5.4	96.3	92.8	38.2	38.1	100.3	100.5	38.3	38.2	100.3	99.5	10.9	11.4	95.6	100.0	98	98	100.0	101.0
R2		5.3				37.9				39.0				12.6				98		
T2		6.2				37.6				38.3				10.6				100		
W2	6.6	6.4	103.1	117.8	38.0	38.0	100.0	100.0	38.2	38.2	100.0	99.2	11.2	11.0	101.8	102.8	96	94	102.1	99.0
Y2	5.9	5.7	103.5	105.4	38.1	37.8	100.8	100.3	38.2	37.9	100.8	99.2		10.6			99	99	100.0	102.1
C3		5.3				37.2				38.2				11.4				106		
F3	6.0	5.7	105.3	107.1	38.3	38.5	99.5	100.8	39.1	39.4	99.2	101.6	11.6	11.3	102.6	106.4	92	93	98.9	94.8
G3		5.6				37.9				38.8				10.6				102		
I3		5.6				38.2				38.2				10.9				96		
L3		5.6				37.9				38.8				10.8				102		
P3	4.9	5.7	86.0	87.5	37.0	37.7	98.1	97.4	38.1	38.6	98.7	99.0	11.1	11.0	100.9	101.8	98	100	98.0	101.0
R3	5.8	5.6	103.6	103.6	38.3	38.4	99.7	100.8	39.1	39.3	99.5	101.6	11.3	11.5	98.3	103.7	92	94	97.9	94.8
T3	5.5	5.5	100.0	98.2	38.3	38.2	100.3	100.8	38.6	38.6	100.0	100.2	11.1	11.2	99.1	101.8	101	97	104.1	104.1
Y3	5.8	5.8	100.0	103.6	38.4	38.4	100.0	101.0	38.5	38.5	100.0	100.0	11.0	11.5	95.6	100.9	104	94	110.6	107.2
B4		5.8				38.4				38.5				10.7				96		
F4	5.8	5.8	100.0	103.6	38.1	38.3	99.5	100.3	38.2	38.4	99.5	99.2					97	93	104.3	100.0
K4	6.0	5.9	101.7	107.1	37.1	37.5	98.9	97.6	37.8	38.2	99.0	98.2	12.5	11.6	107.8	114.7	106	110	96.4	109.3
L4		5.8				37.9				38.7				10.6				96		
S4		5.1				38.4				38.4				11.8				104		
T4	5.2	5.2	100.0	92.8	37.4	37.6	99.5	98.4	38.4	38.7	99.2	99.7	10.6	10.8	98.1	97.2	97	97	100.0	100.0

FKBG DATA

CUR. AV.	5.7			38.0			38.6			11.0			98		
CUM. AV.	5.6			38.0			38.5			10.9			97		
IND. *D	101.8			100.0			100.2			100.9			101.0		

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 38 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1		71.8			63.6	71.2	89.3	98.3	65.5	70.8	92.5	101.2
G1												
O1					68.0			105.1		68.0		
W1		61.0				61.0				61.0		
X1	70.0	64.5	108.5	108.2	66.0	66.3	99.5	102.0		66.2		
A2		68.5				68.5				68.5		
B2		62.0				62.0				62.0		
E2	53.0	53.9	98.3	81.9	55.0	53.6	102.6	85.0	54.0	53.5	100.9	83.5
F2		75.0				75.0			74.0	75.0	98.7	114.4
G2	70.0	66.8	104.8	108.2	67.0	67.2	99.7	103.6	65.0	66.7	97.4	100.5
H2		70.6			66.3	70.6	93.9	102.5	60.8	70.0	86.8	94.0
I2	68.0	67.9	100.1	105.1		68.4			67.0	69.2	96.8	103.6
R2		64.0				64.0				64.0		
T2												
W2												
Y2	52.6	56.8	92.6	81.3	53.7	56.3	95.4	83.0	61.0	56.1	108.7	94.3
C3												
F3												
G3	63.0	62.3	101.1	97.4	70.0	64.3	108.9	108.2		65.8		
I3		57.0				57.0				57.0		
L3		76.8			65.9	77.0	85.6	101.8		74.8		
P3		63.3				64.0				66.0		
R3	76.7	71.0	108.0	118.5	68.5	72.9	94.0	105.9	72.3	71.8	100.7	111.7
T3	58.0	66.8	86.8	89.6	63.0	65.8	95.7	97.4	67.0	63.9	104.8	103.6
Y3	78.0	69.8	111.7	120.6	74.0	71.2	103.9	114.4	70.0	72.1	97.1	108.2
B4	57.3	64.0	89.5	88.6		63.2				63.2		
F4	70.0	67.2	104.2	108.2	67.0	67.3	99.6	103.6	69.0	67.3	102.5	106.6
K4												
L4		57.7				57.7				57.7		
S4		51.5				51.4				51.8		
T4	65.6	64.4	101.9	101.4	67.5	64.0	105.5	104.3	67.9	64.2	105.8	104.9
FKBG DATA												
CUR. AV.	65.2				65.4				66.1			
CUM. AV.	64.7				64.7				64.7			
IND. *D	100.8				101.1				102.2			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
B1		6.4				42.1				42.2				12.2				104		
F1	5.4	6.0	90.0	93.1	41.6	42.0	99.0	99.5	42.7	42.8	99.8	100.7	11.9	11.8	100.8	100.0	109	106	102.8	102.8
G1	5.5	5.6	98.2	94.8	41.5	41.5	100.0	99.3	42.5	42.4	100.2	100.2	11.8	12.2	96.7	99.2	102	103	99.0	96.2
L1	5.9	6.0	98.3	101.7	41.3	41.5	99.5	98.8	42.2	42.3	99.8	99.5	11.2	11.4	98.2	94.1	102	102	100.0	96.2
H1	6.0	6.2	96.8	103.4	41.5	41.4	100.2	99.3	42.3	42.2	100.2	99.8	11.1	11.0	100.9	93.3	106	107	99.1	100.0
A2	5.5	5.6	98.2	94.8	41.5	41.6	99.8	99.3	42.5	42.6	99.8	100.2	13.3	12.8	103.9	111.8	104	106	98.1	98.1
B2	5.1	5.1	100.0	87.9	41.3	41.4	99.8	98.8	42.5	42.6	99.8	100.2	12.4	12.5	99.2	104.2	105	106	99.0	99.0
C2	5.9	5.9	100.0	101.7	40.9	40.7	100.5	97.8	41.8	41.5	100.7	98.6	12.6	12.4	101.6	105.9	104	104	100.0	98.1
D2	6.0	6.0	100.0	103.4	42.0	42.1	99.8	100.5	42.1	42.2	99.8	99.3	11.5	11.4	100.9	96.6	103	104	99.0	97.2
E2		6.0				42.0				42.1				12.0				104		
F2	5.3	5.8	91.4	91.4	41.5	41.9	99.0	99.3	42.6	42.8	99.5	100.5	10.7	10.5	101.9	89.9	104	105	99.0	98.1
G2	5.6	5.7	98.2	96.6	41.4	41.8	99.0	99.0	42.4	42.8	99.1	100.0	10.4	10.5	99.0	87.4	105	106	99.0	99.0
I2	5.4	5.5	98.2	93.1	42.2	42.1	100.2	101.0	42.3	42.2	100.2	99.8	12.2	12.7	96.1	102.5	105	106	99.0	99.0
J2		5.9				42.4				42.5				11.0				119		
L2	5.7	5.8	98.3	98.3	42.1	42.0	100.2	100.7	42.3	42.2	100.2	99.8	11.5	11.1	103.6	96.6	110	108	101.8	103.8
R2	5.4	5.4	100.0	93.1	41.2	41.3	99.8	98.6	42.3	42.4	99.8	99.8	13.0	13.7	94.9	109.2	105	105	100.0	99.0
S2	4.9	4.8	102.1	84.5	41.4	41.6	99.5	99.0	42.7	42.9	99.5	100.7	11.2	11.1	100.9	94.1	111	108	102.8	104.7
T2	6.4	6.1	104.9	110.3	41.7	41.7	100.0	99.8	42.3	42.5	99.5	99.8	12.3	12.1	101.6	103.4	106	107	99.1	100.0
H2	6.4	6.6	97.0	110.3	42.0	42.0	100.0	100.5	42.2	42.2	100.0	99.5	12.2	12.1	100.8	102.5	107	105	101.9	100.9
Y2	6.0	5.8	103.4	103.4	42.0	42.1	99.8	100.5	42.1	42.2	99.8	99.3	12.0	11.6	103.4	100.8	103	105	98.1	97.2
D3	6.3	6.2	101.6	108.6	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3	11.0	11.1	99.1	92.4	107	106	100.9	100.9
F3	5.9	5.9	100.0	101.7	41.9	41.8	100.2	100.2	42.8	42.7	100.2	100.9	12.6	12.0	105.0	105.9	99	100	99.0	93.4
G3	5.7	5.7	100.0	98.3	41.2	41.3	99.8	98.6	42.1	42.3	99.5	99.3	11.3	11.6	97.4	95.0	113	107	105.6	106.6
I3	4.9	5.4	90.7	84.5	42.3	42.1	100.5	101.2	42.4	42.2	100.5	100.0	11.7	11.8	99.2	98.3	106	105	101.0	100.0
J3	5.4	5.2	103.8	93.1	41.2	41.2	100.0	98.6	41.6	41.6	100.0	98.1	12.7	12.6	100.8	106.7	104	102	102.0	98.1
K3	5.3	5.3	100.0	91.4	41.2	41.1	100.2	98.6	42.3	42.2	100.2	99.8	11.6	11.7	99.1	97.5	111	110	94.1	104.7
L3	5.6	5.7	98.2	96.6	41.6	41.5	100.2	99.5	42.6	42.5	100.2	100.5	11.5	12.0	95.8	96.6	110	108	101.8	103.8
P3	5.7	5.9	96.6	98.3	41.5	41.8	99.3	99.3	42.5	42.6	99.8	100.2	11.8	12.3	95.9	99.2	110	106	103.8	103.8
Q3	6.0	6.0	100.0	103.4	41.1	41.6	98.8	98.3	41.9	42.4	98.8	98.8	12.6	12.4	101.6	105.9	100	100	100.0	94.3
R3	5.6	5.6	100.0	96.6	41.7	41.7	100.0	99.8	42.7	42.7	100.0	100.7	12.6	12.6	100.0	105.9	102	104	98.1	96.2
T3	5.8	5.7	101.8	100.0	42.1	42.1	100.0	100.7	42.5	42.5	100.0	100.2	12.7	12.2	104.1	106.7	103	104	99.0	97.2
U3	5.8	5.9	98.3	100.0	42.0	42.2	99.5	100.5	42.1	42.3	99.5	99.3	11.8	12.2	96.7	99.2	116	122	95.1	109.4
X3	6.2	6.4	96.9	106.9	41.6	42.2	98.6	99.5	42.3	42.4	99.8	99.8	11.8	12.2	96.7	99.2	114	107	106.5	107.5
Y3	5.9	5.8	101.7	101.7	42.3	42.3	100.0	101.2	42.4	42.4	100.0	100.0	12.7	12.4	102.4	106.7	100	101	99.0	94.3
B4	6.0	5.8	103.4	103.4	42.0	42.2	99.5	100.5	42.1	42.2	99.8	99.3	12.2	11.7	104.3	102.5	105	106	99.0	99.0
F4	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3					102	102	100.0	96.2
K4	6.3	6.2	101.6	108.6	41.1	41.2	99.8	98.3	41.8	41.9	99.8	98.6	12.9	12.7	101.6	108.4	110	114	96.5	103.8
L4	6.0	5.9	101.7	103.4	41.7	41.8	99.8	99.8	42.5	42.7	99.5	100.2	11.6	12.0	96.7	97.5	99	104	95.2	93.4
M4	6.3	6.3	100.0	108.6	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3	11.6	11.8	98.3	97.5	108	107	100.9	101.9
S4	6.2	5.3	117.0	106.9	42.3	42.7	99.1	101.2	42.4	42.8	99.1	100.0	13.2	12.8	103.1	110.9	112	110	101.8	105.7
T4	5.2	5.4	96.3	89.6	41.3	41.7	99.0	98.8	42.5	42.8	99.3	100.2	11.8	12.2	96.7	99.2	104	104	100.0	98.1
U4	5.9	6.0	98.3	101.7	41.5	41.5	100.0	99.3	42.4	42.3	100.2	100.0	11.9	12.0	99.2	100.0	100	100	100.0	94.3
FKBG DATA																				
CUR. AV.	5.7				41.6				42.3				12.0				106			
CUM. AV.	5.8				41.8				42.4				11.9				106			
IND. *D	98.3				99.5				99.8				100.8				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., *A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
B1		6.4				42.1				42.2				12.2				104		
F1	5.2	5.9	88.1	89.6	41.7	41.9	99.5	99.8	42.9	42.8	100.2	101.2	11.6	11.7	99.1	97.5	104	106	98.1	98.1
G1	5.7	5.6	101.8	98.3	41.6	41.5	100.2	99.5	42.6	42.5	100.2	100.5	12.2	12.2	100.0	102.5	100	103	97.1	94.3
L1	6.2	6.0	103.3	106.9	41.5	41.5	100.0	99.3	42.2	42.3	99.8	99.5	11.0	11.3	97.3	92.4	109	102	106.9	102.8
W1	6.5	6.2	104.8	112.1	41.7	41.5	100.5	99.8	42.3	42.2	100.2	99.8	11.3	11.0	102.7	95.0	106	107	99.1	100.0
A2	5.4	5.6	96.4	93.1	41.5	41.6	99.8	99.3	42.6	42.6	100.0	100.5	12.5	12.8	97.6	105.0	106	105	101.0	100.0
B2	5.1	5.1	100.0	87.9	41.2	41.4	99.5	98.6	42.4	42.6	99.5	100.0	12.3	12.5	98.4	103.4	108	106	101.9	101.9
C2	5.9	6.0	98.3	101.7	40.7	40.8	99.8	97.4	41.6	41.6	100.0	98.1	12.8	12.3	104.1	107.6	104	104	100.0	98.1
D2	6.0	6.0	100.0	103.4	42.0	42.0	100.0	100.5	42.1	42.2	99.8	99.3	11.5	11.4	100.9	96.6	103	104	99.0	97.2
E2		6.0				42.0				42.1				11.9				104		
F2	5.4	5.7	94.7	93.1	41.9	41.9	100.0	100.2	43.0	42.8	100.5	101.4	10.6	10.5	101.0	89.1	103	105	98.1	97.2
G2	5.9	5.7	103.5	101.7	41.4	41.7	99.3	99.0	42.3	42.7	99.1	99.8	10.6	10.5	101.0	89.1	106	106	100.0	100.0
I2	5.3	5.5	96.4	91.4	42.2	42.1	100.2	101.0	42.3	42.2	100.2	99.8	12.4	12.7	97.6	104.2	105	105	100.0	99.0
J2		5.9				42.4				42.5				11.0				119		
L2	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.5	42.2	42.2	100.0	99.5	11.4	11.2	101.8	95.8	110	108	101.8	103.8
R2	5.2	5.4	96.3	89.6	41.1	41.2	99.8	98.3	42.3	42.4	99.8	99.8	12.5	13.6	91.9	105.0	102	105	97.1	96.2
S2	4.7	4.8	97.9	81.0	41.3	41.6	99.3	98.8	42.7	42.9	99.5	100.7	11.0	11.1	99.1	92.4	112	108	103.7	105.7
T2	6.5	6.1	106.6	112.1	42.0	41.7	100.7	100.5	42.6	42.5	100.2	100.5	12.2	12.1	100.8	102.5	103	107	96.3	97.2
W2	6.4	6.6	97.0	110.3	42.0	42.0	100.0	100.5	42.2	42.2	100.0	99.5	12.1	12.1	100.0	101.7	104	105	99.0	98.1
Y2	5.9	5.8	101.7	101.7	42.1	42.1	100.0	100.7	42.2	42.2	100.0	99.5	12.0	11.6	103.4	100.8	103	105	98.1	97.2
D3	6.1	6.2	98.4	105.2	42.1	42.0	100.2	100.7	42.2	42.1	100.2	99.5	11.2	11.0	101.8	94.1	105	106	99.0	99.0
F3	6.1	5.9	103.4	105.2	41.8	41.8	100.0	100.0	42.6	42.7	99.8	100.5	12.5	12.0	104.2	105.0	100	100	100.0	94.3
G3	6.2	5.7	108.8	106.9	41.3	41.3	100.0	98.8	42.0	42.3	99.3	99.0	11.8	11.6	101.7	99.2	108	108	100.0	101.9
I3	4.6	5.4	85.2	79.3	42.6	42.1	101.2	101.9	42.7	42.2	101.2	100.7	11.7	11.8	99.2	98.3	106	106	100.0	100.0
J3	5.4	5.2	103.8	93.1	41.2	41.2	100.0	98.6	41.6	41.6	100.0	98.1	12.6	12.7	99.2	105.9	108	102	105.9	101.9
K3	5.5	5.3	103.8	94.8	41.1	41.1	100.0	98.3	42.1	42.2	99.8	99.3	11.9	11.7	101.7	100.0	114	110	96.6	107.5
L3	5.6	5.7	98.2	96.6	41.5	41.5	100.0	99.3	42.5	42.5	100.0	100.2	11.1	11.8	94.1	93.3	107	108	99.1	100.9
P3	5.3	5.9	89.8	91.4	41.2	41.8	98.6	98.6	42.3	42.6	99.3	99.8	12.0	12.2	98.4	100.8	107	106	100.9	100.9
Q3	6.2	6.0	103.3	106.9	41.2	41.6	99.0	98.6	41.9	42.4	98.8	98.8	12.7	12.4	102.4	106.7	101	100	101.0	95.3
R3	6.0	5.6	107.1	103.4	41.8	41.7	100.2	100.0	42.6	42.7	99.8	100.5	12.3	12.5	98.4	103.4	102	103	99.0	96.2
T3	5.8	5.7	101.8	100.0	42.2	42.1	100.2	101.0	42.6	42.5	100.2	100.5	12.5	12.2	102.4	105.0	108	104	103.8	101.9
W3	5.8	6.0	96.7	100.0	42.1	42.2	99.8	100.7	42.2	42.2	100.0	99.5	12.2	12.1	100.8	102.5	123	122	100.8	116.0
X3	6.4	6.4	100.0	110.3	41.5	42.2	98.3	99.3	42.1	42.4	99.3	99.3	11.5	12.1	95.0	96.6	118	108	109.2	111.3
Y3	5.6	5.8	96.6	96.6	42.3	42.3	100.0	101.2	42.4	42.4	100.0	100.0	12.5	12.4	100.8	105.0	104	101	103.0	98.1
B4	5.8	5.8	100.0	100.0	42.2	42.1	100.2	101.0	42.3	42.2	100.2	99.8	12.0	11.8	101.7	100.8	99	106	93.4	93.4
F4	5.8	5.8	100.0	100.0	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3					103	102	101.0	97.2
K4	6.2	6.3	98.4	106.9	41.3	41.2	100.2	98.8	42.0	41.9	100.2	99.0	13.2	12.7	103.9	110.9	112	114	98.2	105.7
L4	5.9	5.9	100.0	101.7	41.7	41.8	99.8	99.8	42.6	42.7	99.8	100.5	11.3	11.9	95.0	95.0	101	104	97.1	95.3
M4	6.4	6.3	101.6	110.3	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3	11.6	11.8	98.3	97.5	108	108	100.0	101.9
S4	5.8	5.5	105.4	100.0	42.3	42.6	99.3	101.2	42.4	42.7	99.3	100.0	13.4	12.9	103.9	112.6	111	111	100.0	104.7
T4	5.3	5.4	98.1	91.4	41.3	41.7	99.0	98.8	42.4	42.8	99.1	100.0	12.1	12.2	99.2	101.7	103	104	99.0	97.2
U4	6.3	6.0	105.0	108.6	41.6	41.5	100.2	99.5	42.3	42.3	100.0	99.8	11.8	11.9	99.2	99.2	103	100	103.0	97.2
FKBG DATA																				
CUR. AV.	5.8				41.7				42.3				11.9				106			
CUM. AV.	5.8				41.8				42.4				11.9				106			
IND. *D	100.0				99.8				99.8				100.0				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
B1	6.1	6.4	95.3	105.2	41.7	42.1	99.0	99.8	41.8	42.2	99.0	98.6	13.9	12.2	113.9	116.8	104	104	100.0	98.1
F1		5.8				41.9				42.8				11.7				106		
G1	5.8	5.6	103.6	100.0	41.5	41.5	100.0	99.3	42.4	42.5	99.8	100.0	12.4	12.2	101.6	104.2	100	103	97.1	94.3
L1	6.2	6.0	103.3	106.9	41.6	41.5	100.2	99.5	42.3	42.3	100.0	99.8	11.1	11.3	98.2	93.3	104	103	101.0	98.1
M1	6.3	6.2	101.6	108.6	41.6	41.5	100.2	99.5	42.3	42.2	100.2	99.8	11.0	11.0	100.0	92.4	105	107	98.1	99.0
A2	5.5	5.6	98.2	94.8	41.5	41.6	99.8	99.3	42.5	42.6	99.8	100.2	12.6	12.8	98.4	105.9	105	105	100.0	99.0
B2	5.2	5.1	102.0	89.6	41.4	41.3	100.2	99.0	42.6	42.5	100.2	100.5	12.2	12.5	97.6	102.5	104	107	97.2	98.1
C2	6.1	6.0	101.7	105.2	40.9	40.8	100.2	97.8	41.6	41.6	100.0	98.1	12.4	12.5	99.2	104.2	105	104	101.0	99.0
D2	6.0	6.0	100.0	103.4	42.1	42.0	100.2	100.7	42.2	42.2	100.0	99.5	11.3	11.4	99.1	95.0	104	104	100.0	98.1
E2		6.0				42.0				42.1				11.9				104		
F2	5.4	5.7	94.7	93.1	41.9	41.9	100.0	100.2	43.0	42.8	100.5	101.4	10.4	10.6	98.1	87.4	106	104	101.9	100.0
G2	6.0	5.8	103.4	103.4	41.4	41.7	99.3	99.0	42.2	42.7	98.8	99.5	10.3	10.6	97.2	86.6	104	106	98.1	98.1
I2	5.5	5.5	100.0	94.8	42.2	42.1	100.2	101.0	42.3	42.2	100.2	99.8	12.1	12.7	95.3	101.7	111	105	105.7	104.7
J2		5.8				42.4				42.5				10.9				120		
L2	5.9	5.8	101.7	101.7	42.0	42.0	100.0	100.5	42.2	42.2	100.0	99.5	11.1	11.2	99.1	93.3	118	108	109.2	111.3
R2	5.2	5.4	96.3	89.6	41.1	41.2	99.8	98.3	42.3	42.3	100.0	99.8	12.4	13.5	91.8	104.2	104	105	99.0	98.1
S2	4.8	4.8	100.0	82.8	41.3	41.5	99.5	98.8	42.7	42.8	99.8	100.7	10.8	11.1	97.3	90.8	110	108	101.8	103.8
T2	6.5	6.1	106.6	112.1	41.9	41.8	100.2	100.2	42.5	42.5	100.0	100.2	12.0	12.2	98.4	100.8	105	106	99.0	99.0
U2	6.6	6.5	101.5	113.8	42.0	42.0	100.0	100.5	42.2	42.2	100.0	99.5	12.2	12.1	100.8	102.5	105	105	100.0	99.0
Y2	5.9	5.8	101.7	101.7	42.1	42.1	100.0	100.7	42.2	42.2	100.0	99.5	11.7	11.6	100.9	98.3	103	105	98.1	97.2
D3	6.0	6.2	96.8	103.4	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3	11.0	11.0	100.0	92.4	108	106	101.9	101.9
F3	6.1	5.9	103.4	105.2	41.8	41.8	100.0	100.0	42.6	42.7	99.8	100.5	12.5	12.0	104.2	105.0	100	100	100.0	94.3
G3	5.9	5.7	103.5	101.7	41.2	41.3	99.8	98.6	42.1	42.2	99.8	99.3	11.5	11.6	99.1	96.6	113	108	104.6	106.6
I3	5.4	5.3	101.9	93.1	42.2	42.2	100.0	101.0	42.3	42.3	100.0	99.8	11.4	11.8	96.6	95.8	104	105	99.0	98.1
J3	5.3	5.2	101.9	91.4	41.2	41.2	100.0	98.6	41.6	41.6	100.0	98.1	12.7	12.6	100.8	106.7	107	102	104.9	100.9
K3	5.2	5.3	98.1	89.6	41.3	41.1	100.5	98.8	42.5	42.2	100.7	100.2	11.8	11.7	100.8	99.2	117	118	99.2	110.4
L3	5.6	5.7	98.2	96.6	41.4	41.5	99.8	99.0	42.4	42.5	99.8	100.0	11.3	11.7	96.6	95.0	106	108	98.1	100.0
P3	5.3	5.9	89.8	91.4	41.5	41.7	99.5	99.3	42.6	42.6	100.0	100.5	12.1	12.2	99.2	101.7	106	106	100.0	100.0
Q3	6.4	6.0	106.7	110.3	41.4	41.5	99.8	99.0	42.0	42.3	99.3	99.0	12.6	12.4	101.6	105.9	100	100	100.0	94.3
R3	6.0	5.6	107.1	103.4	41.8	41.7	100.2	100.0	42.6	42.7	99.8	100.5	12.4	12.5	99.2	104.2	102	103	99.0	96.2
T3	5.6	5.7	98.2	96.6	42.1	42.1	100.0	100.7	42.5	42.5	100.0	100.2	12.6	12.2	103.3	105.9	107	104	102.9	100.9
U3	5.7	5.9	96.6	98.3	42.3	42.1	100.5	101.2	42.4	42.2	100.5	100.0	11.8	12.2	96.7	99.2	123	122	100.8	116.0
X3	6.5	6.4	101.6	112.1	41.6	42.1	98.8	99.5	42.2	42.4	99.5	99.5	11.9	12.1	98.3	100.0	110	109	100.9	103.8
Y3	5.8	5.8	100.0	100.0	42.3	42.3	100.0	101.2	42.4	42.4	100.0	100.0	12.5	12.4	100.8	105.0	105	102	102.9	99.0
B4	6.0	5.8	103.4	103.4	42.0	42.1	99.8	100.5	42.1	42.2	99.8	99.3	12.5	11.8	105.9	105.0	101	105	96.2	95.3
F4	5.8	5.8	100.0	100.0	42.1	42.0	100.2	100.7	42.2	42.1	100.2	99.5					103	102	101.0	97.2
K4	6.3	6.3	100.0	108.6	41.3	41.2	100.2	98.8	42.0	41.9	100.2	99.0	12.9	12.8	100.8	108.4	112	114	98.2	105.7
L4	5.8	6.0	96.7	100.0	41.6	41.8	99.5	99.5	42.5	42.6	99.8	100.2	11.3	11.9	95.0	95.0	104	104	100.0	98.1
M4	6.3	6.3	100.0	108.6	42.0	42.0	100.0	100.5	42.1	42.1	100.0	99.3	11.9	11.8	100.8	100.0	108	108	100.0	101.9
S4		5.6				42.6				42.6				13.0				111		
T4	5.2	5.4	96.3	89.6	41.2	41.6	99.0	98.6	42.4	42.8	99.1	100.0	11.9	12.2	97.5	100.0	105	104	101.0	99.0
U4	6.4	6.1	104.9	110.3	41.6	41.5	100.2	99.5	42.2	42.3	99.8	99.5	11.9	11.9	100.0	100.0	99	100	99.0	93.4

FKBG DATA

CUR. AV.	5.8	41.7	42.3	11.9	106			
CUM. AV.	5.8	41.8	42.4	11.9	106			
IND. *D	100.0	99.8	99.8	100.0	100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 42 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
B1												
F1	72.0	86.7	83.0	100.3	76.2	84.7	90.0	106.1		83.7		
G1												
L1												
W1	54.0	70.4	76.7	75.2	53.0	68.9	76.9	73.8	52.0	67.1	77.5	72.4
A2	82.0	73.3	111.9	114.2	77.0	74.1	103.9	107.2	74.0	74.5	99.3	103.1
B2	71.0	69.0	102.9	98.9	72.0	69.0	104.3	100.3	75.0	69.2	108.4	104.4
C2	67.0	60.7	110.4	93.3	73.0	61.8	118.1	101.7	64.0	64.1	99.8	89.1
D2	65.0	66.2	98.2	90.5	65.0	66.3	98.0	90.5	68.0	66.2	102.7	94.7
E2		66.4				67.3				67.3		
F2	82.0	73.9	111.0	114.2	80.0	74.8	107.0	111.4	82.0	76.1	107.8	114.2
G2	79.0	73.0	108.2	110.0	78.0	73.4	106.3	108.6	80.0	73.2	109.3	111.4
I2	74.0	75.9	97.5	103.1	73.0	76.2	95.8	101.7	77.0	75.9	101.4	107.2
J2												
L2												
R2	74.0	69.6	106.3	103.1	71.0	70.2	101.1	98.9	73.0	70.4	103.7	101.7
S2	74.8	69.3	107.9	104.2	72.4	69.3	104.5	100.8	78.3	69.4	112.8	109.0
T2		74.0				74.0				74.0		
W2												
Y2	57.7	62.9	91.7	80.4	56.3	62.1	90.7	78.4	64.9	61.3	105.9	90.4
D3												
F3												
G3	72.0	69.4	103.7	100.3	70.0	69.8	100.3	97.5	72.0	70.0	102.8	100.3
I3	72.0	68.4	105.3	100.3	69.0	68.5	100.7	96.1	72.0	68.7	104.8	100.3
J3	66.0	71.8	91.9	91.9	70.0	71.2	98.3	97.5	72.0	71.1	101.3	100.3
K3	58.0	65.3	88.8	80.8	66.0	64.4	102.5	91.9	66.0	65.2	101.2	91.9
L3	77.0	85.9	89.6	107.2	75.7	86.2	87.8	105.4	81.5	85.5	95.3	113.5
P3		67.7				66.0				65.0		
Q3												
R3	81.6	77.4	105.4	113.6	79.6	78.4	101.5	110.9	79.3	78.7	100.8	110.4
T3	67.0	74.4	90.0	93.3	67.0	73.5	91.2	93.3	70.0	72.7	96.3	97.5
W3	69.0	70.2	98.3	96.1	82.0	69.2	118.5	114.2	66.0	70.3	93.9	91.9
X3	97.0	81.1	119.6	135.1	76.0	82.2	92.4	105.8	79.0	81.5	96.9	110.0
Y3	80.0	78.3	102.2	111.4	79.0	78.8	100.2	110.0	77.0	79.4	97.0	107.2
B4	67.9	72.5	93.6	94.6	65.6	72.6	90.4	91.4	70.3	72.2	97.4	97.9
F4	82.0	75.2	109.0	114.2	79.0	75.5	104.6	110.0	73.0	75.7	96.4	101.7
K4												
L4	67.0	67.0	100.0	93.3	75.0	66.6	112.6	104.4	77.0	67.0	114.9	107.2
M4												
S4	59.0	60.2	98.0	82.2	58.0	60.0	96.7	80.8		59.7		
T4	74.8	73.3	102.0	104.2	76.7	72.9	105.2	106.8	76.4	73.0	104.6	106.4
U4												

FKBG DATA			
CUR. AV.	72.0	71.7	72.8
CUM. AV.	71.8	71.8	71.8
IND. *D	100.3	99.9	101.4

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1965

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT., #A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. #B	IND. #C	CUR. AV.	CUM. AV.	FACT. #B	IND. #C	CUR. AV.	CUM. AV.	FACT. #B	IND. #C	CUR. AV.	CUM. AV.	FACT. #B	IND. #C	CUR. AV.	CUM. AV.	FACT. #B	IND. #C
F1	6.1	6.6	92.4	96.8	67.9	68.9	98.5	98.8	69.1	69.8	99.0	99.6	20.4	19.8	103.0	105.2	134	138	97.1	93.7
G1	6.9	6.9	100.0	109.5	69.2	68.7	100.7	100.7	69.9	69.4	100.7	100.7	18.6	19.5	95.4	95.9	136	137	99.3	95.1
L1	6.6	6.6	100.0	104.8	68.4	68.5	99.8	99.6	69.3	69.4	99.8	99.8	20.0	18.9	105.8	103.1	145	136	106.6	101.4
R1	6.3	6.5	96.9	100.0	68.6	69.5	98.7	99.8	69.7	70.4	99.0	100.4	19.5	19.7	99.0	100.5	139	139	100.0	97.2
W1	6.0	5.9	101.7	95.2	68.0	68.0	100.0	99.0	69.4	69.4	100.0	100.0	18.7	18.4	101.6	96.4	136	140	97.1	95.1
B2	6.1	5.8	105.2	96.8	68.4	68.2	100.3	99.6	69.6	69.6	100.0	100.3	19.3	19.9	97.0	99.5	145	146	99.3	101.4
C2		5.8				67.4				68.9				21.1				150		
D2		7.0				69.1				69.3				19.4				137		
F2	6.0	6.0	100.0	95.2	68.2	68.2	100.0	99.3	69.6	69.6	100.0	100.3	17.1	17.2	99.4	88.1	138	140	98.6	96.5
I2	5.6	5.8	96.6	88.9	69.3	69.2	100.1	100.9	69.5	69.4	100.1	100.1	20.0	20.7	96.6	103.1	136	139	97.8	95.1
J2	6.7	6.6	101.5	106.3	69.0	69.6	99.1	100.4	69.2	69.8	99.1	99.7	19.0	19.0	100.0	97.9	143	146	97.9	100.0
L2	6.2	6.5	95.4	98.4	69.0	69.0	100.0	100.4	69.3	69.3	100.0	99.8	18.9	18.5	102.2	97.4	143	140	102.1	100.0
S2	6.7	6.7	100.0	106.3	68.3	68.5	99.7	99.4	69.1	69.3	99.7	99.6	17.5	17.8	98.3	90.2	156	150	104.0	109.1
Y2	6.8	6.0	113.3	107.9	69.1	69.1	100.0	100.6	69.3	69.3	100.0	99.8	19.4	19.0	102.1	100.0	143	145	98.6	100.0
D3		6.3				68.8				69.0				18.7				140		
G3	6.0	6.2	96.8	95.2	67.8	68.2	99.4	98.7	69.2	69.4	99.7	99.7	19.1	19.3	99.0	98.4	148	144	102.8	103.5
H3	6.6	6.6	100.0	104.8	68.8	68.9	99.8	100.1	69.4	69.5	99.8	100.0	19.9	19.5	102.0	102.6	139	141	98.6	97.2
I3	5.6	5.9	94.9	88.9	69.3	69.2	100.1	100.9	69.5	69.4	100.1	100.1	19.4	19.5	99.5	100.0	144	138	104.3	100.7
J3	6.0	6.0	100.0	95.2	67.8	67.6	100.3	98.7	68.4	68.2	100.3	98.6	20.6	20.4	101.0	106.2	153	151	101.3	107.0
K3	5.6	5.3	105.7	88.9	67.7	67.5	100.3	98.5	69.3	69.3	100.0	99.8	20.5	19.8	103.5	105.7	161	154	104.5	112.6
L3	5.6	5.6	100.0	88.9	67.9	68.0	99.8	98.8	69.5	69.6	99.8	100.1	21.0	20.0	105.0	108.2	169	145	102.8	104.2
P3	5.5	6.1	90.2	87.3	67.7	68.6	98.7	98.5	69.4	69.8	99.4	100.0	19.6	20.1	97.5	101.0	139	141	98.6	97.2
Q3	6.8	7.0	97.1	107.9	68.3	68.8	99.3	99.4	69.1	69.5	99.4	99.6	19.8	19.2	103.1	102.1	144	138	104.3	100.7
T3		5.8				69.1				69.7				20.8				140		
W3	7.0	6.8	102.9	111.1	69.1	69.2	99.8	100.6	69.3	69.4	99.8	99.8	18.8	19.2	97.9	96.9	154	156	98.7	107.7
X3		6.8				69.2				69.6				19.8				141		
Y3	5.9	5.8	101.7	93.6	69.4	69.3	100.1	101.0	69.6	69.5	100.1	100.3	20.8	20.2	103.0	107.2	142	142	100.0	99.3
B4	7.0	6.6	106.1	111.1	68.9	69.1	99.7	100.3	69.1	69.3	99.7	99.6	18.4	18.3	100.5	94.8	140	143	97.9	97.9
F4	5.8	5.8	100.0	92.1	69.1	69.1	100.0	100.6	69.3	69.3	100.0	99.8					139	141	98.6	97.2
K4	6.6	6.5	101.5	104.8	67.9	68.1	99.7	98.8	68.8	69.0	99.7	99.1	21.9	21.2	103.3	112.9	140	149	94.0	97.9
L4	6.6	6.3	104.8	104.8	68.2	68.4	99.7	99.3	69.1	69.5	99.4	99.6	19.7	20.4	96.6	101.5	134	136	98.5	93.7
M4	6.2	6.4	96.9	98.4	69.1	69.2	99.8	100.6	69.3	69.4	99.8	99.8	20.1	19.8	101.5	103.6	137	142	96.5	95.8
S4	6.0	6.1	98.4	95.2	69.4	69.4	100.0	101.0	69.6	69.6	100.0	100.3	20.4	21.1	96.7	105.2	161	151	106.6	112.6
U4		5.9				68.0				69.4				19.8				137		
FKBG DATA																				
CUR. AV.	6.2				68.6				69.3				19.6				144			
CUM. AV.	6.3				68.7				69.4				19.4				143			
IND. #D	98.4				99.8				99.8				101.0				100.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XVIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1	5.7	6.5	87.7	90.5	68.2	68.8	99.1	99.3	69.8	69.8	100.0	100.6	19.9	19.8	100.5	102.6	132	138	95.6	92.3
G1	6.9	6.9	100.0	109.5	69.2	68.8	100.6	100.7	69.9	69.5	100.6	100.7	18.9	19.5	96.9	97.4	136	137	99.3	95.1
L1	6.8	6.7	101.5	107.9	68.6	68.6	100.0	99.8	69.4	69.4	100.0	100.0	18.5	19.0	97.4	95.4	139	137	101.4	97.2
R1	6.2	6.5	95.4	98.4	70.4	69.4	101.4	102.5	71.6	70.4	101.7	103.2	20.0	19.6	102.0	103.1	145	139	104.3	101.4
W1	5.3	5.9	89.8	84.1	67.7	68.0	99.6	98.5	69.5	69.4	100.1	100.1	18.5	18.4	100.5	95.4	137	140	97.8	95.8
B2	6.0	5.8	103.4	95.2	68.4	68.1	100.4	99.6	69.8	69.6	100.3	100.6	19.2	19.8	97.0	99.0	145	146	99.3	101.4
C2		5.8				67.4				68.9				21.1				150		
D2	7.0	7.0	100.0	111.1	69.1	69.0	100.1	100.6	69.3	69.2	100.1	99.8	19.7	19.3	102.1	101.5	136	137	99.3	95.1
F2	5.8	6.0	96.7	92.1	68.2	68.2	100.0	99.3	69.7	69.6	100.1	100.4	17.1	17.2	99.4	88.1	138	140	98.6	96.5
I2	5.7	5.8	98.3	90.5	69.4	69.2	100.3	101.0	69.6	69.4	100.3	100.3	20.0	20.6	97.1	103.1	133	138	96.4	93.0
J2	7.0	6.6	106.1	111.1	69.3	69.6	99.6	100.9	69.5	69.8	99.6	100.1	19.2	19.0	101.0	99.0	145	146	99.3	101.4
L2	6.3	6.5	96.9	100.0	69.1	69.0	100.1	100.6	69.4	69.3	100.1	100.0	18.7	18.6	100.5	96.4	143	140	102.1	100.0
S2	6.7	6.7	100.0	106.3	68.4	68.5	99.8	99.6	69.2	69.3	99.8	99.7	17.4	17.8	97.8	89.7	155	150	103.3	108.4
Y2	6.7	6.1	109.8	106.3	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	19.6	19.1	102.6	101.0	145	145	100.0	101.4
D3		6.3				68.8				69.0				18.7				140		
G3	6.2	6.1	101.6	98.4	68.1	68.2	99.8	99.1	69.3	69.4	99.8	99.8	19.6	19.3	101.6	101.0	143	144	99.3	100.0
H3	6.2	6.7	92.5	98.4	68.8	68.9	99.8	100.1	69.4	69.5	99.8	100.0	19.2	19.5	98.5	99.0	138	141	97.9	96.5
I3	5.5	5.8	94.8	87.3	69.4	69.2	100.3	101.0	69.6	69.4	100.3	100.3	20.8	19.5	106.7	107.2	136	139	97.8	95.1
J3	5.9	6.0	98.3	93.6	67.7	67.6	100.1	98.5	68.3	68.2	100.1	98.4	20.7	20.4	101.5	106.7	156	151	103.3	109.1
K3	5.7	5.4	105.6	90.5	67.7	67.6	100.1	98.5	69.3	69.4	99.8	99.8	20.1	19.9	101.0	103.6	156	155	100.6	109.1
L3	5.1	5.6	91.1	81.0	68.2	68.0	100.3	99.3	70.2	69.6	100.9	101.2	19.9	19.9	100.0	102.6	137	147	93.2	95.8
P3	5.2	6.0	86.7	82.5	67.4	68.5	98.4	98.1	69.3	69.8	99.3	99.8	19.9	20.0	99.5	102.6	140	141	99.3	97.9
Q3	6.8	7.0	97.1	107.9	68.4	68.8	99.4	99.6	69.2	69.4	99.7	99.7	19.6	19.2	102.1	101.0	145	139	104.3	101.4
T3	5.7	5.8	98.3	90.5	69.3	69.2	100.1	100.9	69.9	69.8	100.1	100.7	22.2	21.0	105.7	114.4	138	140	98.6	96.5
W3	6.8	6.8	100.0	107.9	69.2	69.2	100.0	100.7	69.4	69.4	100.0	100.0	19.0	19.2	99.0	97.9	157	157	100.0	109.8
X3		6.8				69.2				69.6				19.8				141		
Y3	6.1	5.8	105.2	96.8	69.5	69.3	100.3	101.2	69.7	69.5	100.3	100.4	21.0	20.2	104.0	108.2	144	142	101.4	100.7
B4	7.0	6.6	106.1	111.1	68.9	69.1	99.7	100.3	69.1	69.3	99.7	99.6	19.4	18.3	106.0	100.0	133	144	92.4	93.0
F4	5.8	5.8	100.0	92.1	69.0	69.0	100.0	100.4	69.2	69.2	100.0	99.7					141	141	100.0	98.6
K4	6.5	6.5	100.0	103.2	68.2	68.0	100.3	99.3	69.2	69.0	100.3	99.7	21.7	21.2	102.4	111.8	148	149	99.3	103.5
L4	6.5	6.3	103.2	103.2	68.4	68.4	100.0	99.6	69.4	69.5	99.8	100.0	19.4	20.3	95.6	100.0	139	136	102.2	97.2
M4		6.4				69.2				69.4				19.8				141		
S4	5.7	6.1	93.4	90.5	69.4	69.4	100.0	101.0	69.6	69.6	100.0	100.3	20.7	21.0	98.6	106.7	151	153	98.7	105.6
U4		5.9				68.0				69.4				19.8				137		

FKBG DATA												
CUR. AV.	6.2				68.7				69.5			
CUM. AV.	6.3				68.7				69.4			
IND. *D	98.4				100.0				100.1			

													19.6				142			
													19.4				143			
																	99.3			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XIX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1965

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1	5.7	6.5	87.7	90.5	68.2	68.8	99.1	99.3	69.8	69.8	100.0	100.6	20.6	19.8	104.0	106.2	135	137	98.5	94.4
G1	7.0	6.9	101.4	111.1	68.9	68.8	100.1	100.3	69.5	69.5	100.0	100.1	19.1	19.4	98.4	98.4	136	137	99.3	95.1
L1	6.9	6.7	103.0	109.5	68.8	68.6	100.3	100.1	69.5	69.4	100.1	100.1	18.7	18.9	98.9	96.4	141	138	102.2	98.6
R1	6.3	6.4	98.4	100.0	70.0	69.6	100.6	101.9	71.1	70.6	100.7	102.4	19.9	19.7	101.0	102.6	139	140	99.3	97.2
H1	5.7	5.8	98.3	90.5	67.9	68.0	99.8	98.8	69.5	69.4	100.1	100.1	18.3	18.4	99.4	94.3	139	139	100.0	97.2
B2	5.9	5.9	100.0	93.6	68.3	68.2	100.1	99.4	69.7	69.6	100.1	100.4	18.8	19.7	95.4	96.9	145	146	99.3	101.4
C2		5.8				67.4				68.9				21.1				150		
D2	6.9	7.0	98.6	109.5	69.0	69.0	100.0	100.4	69.2	69.2	100.0	99.7	19.1	19.4	98.4	98.4	138	137	100.7	96.5
F2	5.7	6.0	95.0	90.5	68.1	68.2	99.8	99.1	69.7	69.6	100.1	100.4	17.1	17.3	98.8	88.1	140	140	100.0	97.9
I2	5.7	5.8	98.3	90.5	69.3	69.2	100.1	100.9	69.5	69.4	100.1	100.1	20.2	20.6	98.0	104.1	138	138	100.0	96.5
J2	6.4	6.6	97.0	101.6	69.5	69.6	99.8	101.2	69.7	69.8	99.8	100.4	19.0	19.0	100.0	97.9	150	146	102.7	104.9
L2	6.3	6.5	96.9	100.0	69.3	69.0	100.4	100.9	69.6	69.3	100.4	100.3	18.7	18.6	100.5	96.4	146	140	102.8	100.7
S2	6.8	6.7	101.5	107.9	68.4	68.4	100.0	99.6	69.2	69.2	100.0	99.7	17.4	17.7	98.3	89.7	151	151	100.0	105.6
Y2	6.5	6.2	104.8	103.2	69.0	69.1	99.8	100.4	69.2	69.3	99.8	99.7	19.5	19.1	102.1	100.5	141	145	97.2	98.6
D3	6.1	6.3	96.8	96.8	69.3	68.8	100.7	100.9	69.5	69.0	100.7	100.1	18.9	18.7	101.1	97.4	138	140	98.6	96.5
F3	6.7			106.3	66.8			97.2	67.6			97.4	19.7			101.5	142			99.3
G3	6.4	6.1	104.9	101.6	68.2	68.2	100.0	99.3	69.2	69.4	99.7	99.7	19.2	19.4	99.0	99.0	144	144	100.0	100.7
H3	6.6	6.7	98.5	104.8	68.9	68.9	100.0	100.3	69.5	69.5	100.0	100.1	19.6	19.4	101.0	101.0	141	141	100.0	98.6
I3	5.7	5.8	98.3	90.5	69.8	69.3	100.7	101.6	70.0	69.5	100.7	100.9	20.6	19.6	105.1	106.2	136	138	98.6	95.1
J3	6.1	6.0	101.7	96.8	68.4	67.6	101.2	99.6	69.0	68.2	101.2	99.4	20.5	20.4	100.5	105.7	158	152	103.9	110.5
K3	5.0	5.4	92.6	79.4	67.7	67.6	100.1	98.5	69.7	69.4	100.4	100.4	19.9	20.0	99.5	102.6	159	156	101.9	111.2
L3	5.7	5.6	101.8	90.5	68.1	68.0	100.1	99.1	69.7	69.7	100.0	100.4	20.0	19.9	100.5	103.1	146	146	100.0	102.1
P3	5.6	6.0	93.3	88.9	67.7	68.4	99.0	98.5	69.3	69.8	99.3	99.8	20.1	20.0	100.5	103.6	139	141	98.6	97.2
Q3	7.1	6.9	102.9	112.7	68.7	68.8	99.8	100.0	69.2	69.4	99.7	99.7	19.9	19.3	103.1	102.6	143	140	102.1	100.0
T3		5.8				69.2				69.8				21.6				139		
W3	6.8	6.7	101.5	107.9	69.2	69.2	100.0	100.7	69.4	69.4	100.0	100.0	19.0	19.2	99.0	97.9	157	157	100.0	109.8
X3	7.4	6.8	108.8	117.5	68.5	69.1	99.1	99.7	68.8	69.6	98.8	99.1	19.4	19.9	97.5	100.0	140	141	99.3	97.9
Y3	5.8	5.9	98.3	92.1	69.5	69.4	100.1	101.2	69.7	69.6	100.1	100.4	20.8	20.4	102.0	107.2	145	142	102.1	101.4
B4	6.8	6.6	103.0	107.9	69.0	69.0	100.0	100.4	69.2	69.2	100.0	99.7	19.3	18.4	104.9	99.5	133	143	93.0	93.0
F4	5.8	5.8	100.0	92.1	69.3	69.0	100.4	100.9	69.5	69.2	100.4	100.1					143	141	101.4	100.0
K4	6.3	6.5	96.9	100.0	68.0	68.0	100.0	99.0	69.1	69.0	100.1	99.6	21.5	21.3	100.9	110.8	150	148	101.4	104.9
L4	6.4	6.3	101.6	101.6	68.2	68.4	99.7	99.3	69.2	69.5	99.6	99.7	19.9	20.3	98.0	102.6	134	137	97.8	93.7
H4		6.4				69.2				69.4				19.8				141		
S4	5.6	6.0	93.3	88.9	69.3	69.4	99.8	100.9	69.5	69.6	99.8	100.1	21.0	20.9	100.5	108.2	149	154	96.8	104.2
U4		5.9				68.0				69.4				19.8				137		

FKBG DATA																
CUR. AV.	6.2				68.7				69.4				19.5				143			
CUM. AV.	6.3				68.7				69.4				19.4				143			
IND. *D	98.4				100.0				100.0				100.5				100.0			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XX

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 69 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
F1	109.0	117.2	93.0	93.7	111.9	116.4	96.1	96.5	115.5	115.9	99.6	99.8
G1												
L1												
R1	141.0	127.2	110.8	121.2	137.0	128.5	106.6	118.2	127.0	129.8	97.8	109.8
W1	104.0	116.4	89.3	89.4	100.0	115.7	86.4	86.3	97.0	115.1	84.3	83.8
B2	112.0	110.8	101.1	96.3	109.0	110.9	98.3	94.0	119.0	110.3	107.9	102.8
C2		122.0				122.0				122.0		
D2		125.5			117.0	126.3	92.6	100.9	131.0	125.6	104.3	113.2
F2	120.0	115.6	103.8	103.2	123.0	115.2	106.8	106.1	127.0	114.9	110.5	109.8
I2	109.0	113.7	95.9	93.7	109.0	113.8	95.8	94.0	120.0	113.0	106.2	103.7
J2												
L2												
S2	102.6	100.3	102.3	88.2	102.2	99.5	102.7	88.2	102.4	99.0	103.4	88.5
Y2	107.0	108.8	98.3	92.0	106.3	108.2	98.2	91.7	113.0	108.2	104.4	97.7
D3												
F3												
G3	115.0	116.3	98.9	98.9	107.0	116.3	92.0	92.3	110.0	116.5	94.4	95.1
H3	123.0	118.1	104.1	105.8	129.0	117.8	109.5	111.3	126.0	118.1	106.7	108.9
I3	130.0	121.4	107.1	111.8	118.0	121.7	97.0	101.8	122.0	121.0	100.8	105.4
J3	119.0	119.3	99.7	102.3	116.0	119.2	97.3	100.1	118.0	119.4	98.8	102.0
K3	105.0	104.8	100.2	90.3	103.0	104.4	98.6	88.9	108.0	104.4	103.4	93.3
L3	109.0	127.6	85.4	93.7	107.5	124.1	86.6	92.8	127.0	121.4	104.6	109.8
P3		113.7				113.0				115.0		
Q3												
T3		124.1			110.0	112.0	98.2	94.9		111.0		
W3	115.0	113.0	101.8	98.9	134.0	112.6	119.0	115.6	134.0	114.2	117.3	115.8
X3		140.2				140.2			139.0	137.0	101.4	120.1
Y3	120.0	122.0	98.4	103.2	115.0	121.8	94.4	99.2	113.0	122.0	92.6	97.7
B4	112.3	123.6	90.8	96.6	113.0	123.1	91.8	97.5	111.5	122.6	90.9	96.4
F4	127.0	119.4	106.4	109.2	122.0	120.0	101.7	105.3	115.0	120.0	95.8	99.4
K4												
L4	113.0	110.2	102.5	97.2	112.0	109.8	102.0	96.6	126.0	109.8	114.8	108.9
M4												
S4	93.0	102.8	90.5	80.0	100.0	100.8	99.2	86.3	97.0	100.4	96.6	83.8
U4												

FKBG DATA			
CUR. AV.	114.3	113.7	118.1
CUM. AV.	116.3	115.9	115.7
IND. *D	98.3	98.1	102.1

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXI

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

JANUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
L1		7.9				90.4				90.3				26.5				155		
R1	6.5	6.5	100.0	103.2	90.3	90.7	99.6	100.8	91.6	92.0	99.6	101.0	26.1	26.3	99.2	103.2	155	155	100.0	89.1
B2	6.3	6.1	103.3	100.0	89.4	89.2	100.2	99.8	90.8	90.8	100.0	100.1	24.9	25.8	96.5	98.4	173	178	97.2	99.4
F2	5.9	6.0	98.3	93.6	89.1	89.1	100.0	99.4	91.0	90.9	100.1	100.3	23.1	23.1	100.0	91.3	171	171	100.0	98.3
I2	5.7	5.7	100.0	90.5	90.3	90.3	100.0	100.8	90.6	90.6	100.0	99.9	25.7	26.5	97.0	101.6	160	165	97.0	92.0
J2	5.9	6.5	90.8	93.6	91.0	90.3	100.8	101.6	91.3	90.6	100.8	100.7	25.2	25.0	100.8	99.6	192	184	104.3	110.3
L2		6.8				90.0				90.4				25.3				181		
S2	7.2	6.8	105.9	114.3	89.5	89.5	100.0	99.9	90.1	90.4	99.7	99.3	23.2	23.1	100.4	91.7	190	188	101.1	109.2
G3	6.2	6.2	100.0	98.4	88.8	88.8	100.0	99.1	90.3	90.3	100.0	99.6	25.4	25.1	101.2	100.4	173	173	100.0	99.4
J3		9.1				89.5				90.3				26.8				179		
K3	5.6	5.3	105.7	88.9	88.9	88.2	100.8	99.2	91.0	90.5	100.6	100.3	27.4	26.0	105.4	108.3	182	176	103.4	104.6
P3		6.2				89.4				91.0				26.5				163		
W3	6.8	6.6	103.0	107.9	90.1	90.4	99.7	100.6	90.4	90.7	99.7	99.7	24.9	25.1	99.2	98.4	189	191	99.0	108.6
Y3		5.9				90.0				90.3				26.3				169		
B4	6.9	6.5	106.2	109.5	89.7	90.0	99.7	100.1	90.0	90.3	99.7	99.2	24.8	24.0	103.3	98.0	163	171	95.3	93.7
L4	6.3	5.9	106.8	100.0	88.5	89.2	99.2	98.8	89.9	91.1	98.7	99.1	26.2	26.6	98.5	103.6	159	165	96.4	91.6
FKBG DATA																				
CUR. AV.	6.3				89.6				90.6				25.2				173			
CUM. AV.	6.3				89.6				90.7				25.3				174			
IND. *D	100.0				100.0				99.9				99.6				99.4			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

FEBRUARY, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
L1	7.3	7.9	92.4	115.9	89.8	90.4	99.3	100.2	90.2	90.3	99.9	99.4	24.7	26.5	93.2	97.6	160	155	103.2	92.0
R1	6.3	6.5	96.9	100.0	91.5	90.8	100.8	102.1	93.0	92.1	101.0	102.5	27.0	26.3	102.7	106.7	156	154	101.3	89.6
B2	6.4	6.2	103.2	101.6	89.5	89.2	100.3	99.9	90.8	90.8	100.0	100.1	25.0	25.8	96.9	96.8	162	178	91.0	93.1
F2	5.9	5.9	100.0	93.6	89.0	89.2	99.8	99.3	90.9	91.0	99.9	100.2	24.6	23.1	106.5	97.2	166	171	97.1	95.4
I2	5.7	5.7	100.0	90.5	90.6	90.3	100.3	101.1	90.9	90.6	100.3	100.2	25.7	26.4	97.3	101.6	161	164	98.2	92.5
J2	6.0	6.5	92.3	95.2	91.7	90.4	101.4	102.3	92.0	90.8	101.3	101.4	25.4	25.0	101.6	100.4	185	185	100.0	106.3
L2		6.8				90.0				90.4				25.3				181		
S2	6.8	6.9	98.6	107.9	89.2	89.5	99.7	99.6	90.2	90.4	99.8	99.4	23.1	23.2	99.6	91.3	195	188	103.7	112.1
G3	6.0	6.2	96.8	95.2	88.6	88.7	99.9	98.9	90.4	90.3	100.1	99.7	25.5	25.1	101.6	100.8	174	173	100.6	100.0
J3	7.9	9.1	86.8	125.4	89.8	89.5	100.3	100.2	90.6	90.3	100.3	99.9	27.7	26.8	103.4	109.5	174	179	97.2	100.0
K3	6.5	5.3	122.6	103.2	89.1	88.2	101.0	99.4	90.3	90.6	99.7	99.6	26.0	26.1	99.6	102.8	180	177	101.7	103.4
P3		6.1				89.5				91.2				26.5				162		
W3	6.9	6.6	104.5	109.5	90.1	90.4	99.7	100.6	90.4	90.7	99.7	99.7	24.8	25.2	98.4	98.0	177	190	93.2	101.7
Y3		5.9				90.0				90.3				26.3				169		
B4	6.9	6.5	106.2	109.5	89.8	90.0	99.8	100.2	90.1	90.3	99.8	99.3	25.3	24.1	105.0	100.0	157	171	91.8	90.2
L4	6.0	6.0	100.0	95.2	89.2	89.2	100.0	99.6	91.0	91.0	100.0	100.3	26.2	26.6	98.5	103.6	170	164	103.6	97.7

FKBG DATA

CUR. AV.	6.5	89.8	90.8	25.5	170			
CUM. AV.	6.3	89.6	90.7	25.3	174			
IND. *D	103.2	100.2	100.1	100.8	97.7			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXIII

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

MARCH, 1985

	MOISTURE CONTENT, PERCENT				BASIS WT., LB / M SQ FT				ADJ. BASIS WT.,*A LB / M SQ FT				CALIPER, PT				BURSTING STRENGTH, P S I G			
	MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA				MACHINE DATA			
CODE	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
L1		7.6				90.1				90.2				25.6				158		
K1	5.9	6.4	92.2	93.6	91.4	90.8	100.7	102.0	93.3	92.2	101.2	102.9	26.5	26.4	100.4	104.7	153	155	98.7	88.4
B2	6.1	6.2	98.4	96.8	89.4	89.3	100.1	99.8	91.0	90.8	100.2	100.3	24.8	25.6	96.9	98.0	170	177	96.0	98.3
F2	6.1	6.0	101.7	96.8	89.1	89.2	99.9	99.4	90.7	91.0	99.7	100.0	21.4	23.2	92.2	84.6	165	171	96.5	95.4
I2	5.8	5.7	101.8	92.1	90.4	90.3	100.1	100.9	90.7	90.6	100.1	100.0	25.7	26.3	97.7	101.6	161	164	98.2	93.1
J2	6.0	6.4	93.8	95.2	89.9	90.6	99.2	100.3	90.2	90.8	99.3	99.4	24.8	24.9	99.6	98.0	177	186	95.2	102.3
L2	7.3	6.8	107.4	115.9	90.3	90.0	100.3	100.8	90.8	90.4	100.4	100.1	26.0	25.3	102.8	102.8	196	181	108.3	113.3
S2	7.0	6.9	101.4	111.1	89.5	89.4	100.1	99.9	90.3	90.4	99.9	99.6	23.6	23.2	101.7	93.3	184	188	97.9	106.4
G3	6.4	6.1	104.9	101.6	88.9	88.7	100.2	99.2	90.2	90.3	99.9	99.4	25.3	25.2	100.4	100.0	173	173	100.0	100.0
J3		8.9				89.5				90.3				26.8				177		
K3	5.5	5.4	101.8	87.3	87.7	88.3	99.3	97.9	89.9	90.6	99.2	99.1	26.9	26.2	102.7	106.3	172	177	97.2	99.4
P3		5.9				89.5				91.4				26.5				160		
W3	6.4	6.6	97.0	101.6	90.2	90.4	99.8	100.7	90.5	90.6	99.9	99.8	24.2	25.2	96.0	95.6	187	188	99.5	108.1
Y3		5.8				90.0				90.3				26.2				170		
B4	7.0	6.6	106.1	111.1	89.8	90.0	99.8	100.2	90.1	90.3	99.8	99.3	25.6	24.2	105.8	101.2	157	170	92.4	90.8
L4	6.0	6.0	100.0	95.2	88.0	89.2	98.6	98.2	89.8	91.0	98.7	99.0	26.0	26.5	98.1	102.8	162	165	98.2	93.6
U4	6.9			109.5	89.8			100.2	90.7			100.0	28.1			111.1	159			91.9
FKBG DATA																				
CUR. AV.	6.3				89.6				90.6				25.3				170			
CUM. AV.	6.3				89.6				90.7				25.3				173			
IND. *D	100.0				100.0				99.9				100.0				98.3			

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

TABLE XXIV

AVERAGES OF ROUTINE MILL QUALITY CONTROL DATA FOR 90 LB FOURDRINIER KRAFT LINERBOARD

RING COMPRESSION, LBS.

	JANUARY, 1985				FEBRUARY, 1985				MARCH, 1985			
	MACHINE DATA				MACHINE DATA				MACHINE DATA			
	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C	CUR. AV.	CUM. AV.	FACT. *B	IND. *C
L1												
R1	165.0	149.8	110.1	109.1	149.0	151.4	98.4	98.5	154.0	150.9	102.0	102.0
B2	161.0	148.9	108.1	106.5	145.0	149.9	96.7	95.9	165.0	150.2	109.8	109.3
F2	173.0	169.3	102.2	114.4	161.0	169.2	95.2	106.5	167.0	168.5	99.1	110.7
I2	129.0	148.7	86.8	85.3	128.0	146.9	87.1	84.6	164.0	145.4	112.8	108.7
J2												
L2												
S2	138.8	141.0	98.4	91.8	141.7	140.0	101.2	93.7	136.0	139.2	97.7	90.1
G3	150.0	150.2	99.9	99.2	147.0	152.2	96.6	97.2	144.0	151.7	94.9	95.4
J3		145.0			136.0	145.0	93.8	89.9		144.7		
K3	129.0	142.6	90.5	85.3	138.0	140.5	98.2	91.3	158.0	141.1	112.0	104.7
P3		137.0				133.5				132.0		
W3	158.0	150.5	105.0	104.5	149.0	150.7	98.9	98.5	143.0	150.8	94.8	94.8
Y3		163.2				163.2				164.1		
B4	145.2	158.7	91.5	96.0	151.2	157.8	95.8	100.0	145.5	157.5	92.4	96.4
L4	146.0	152.0	96.0	96.6	157.0	151.5	103.6	103.8	174.0	150.7	115.5	115.3
U4												

FKBG DATA			
CUR. AV.	149.5	145.7	155.0
CUM. AV.	151.2	151.2	150.9
IND. *D	98.9	96.4	102.7

NOTE- NOTES A, B, C, AND D, ARE GIVEN IN APPENDIX.

Data submitted by the participating mills relative to conditioning and testing environments are summarized in Table XXV. The procedures used in calculating adjusted basis weight, cumulative machine averages, machine factors, machine indexes, and F.K.B.G. indexes are described in the Appendix.

It should be explained that the number of machines for which data are compiled in each table for a specified month varies for these reasons: a machine must have (a) produced at least 500 tons of the pertinent grade weight during the specified month, or (b) produced 500 tons of the pertinent grade weight during any one or more of the 12 months prior to the specified month (so that a cumulative average is available), to be included in a given table.

TABLE XXV

DATA ON CONDITIONING AND TESTING ENVIRONMENTS

JANUARY, FEBRUARY, MARCH, 1985

	Conditioning Environment				Testing Environment
	Are Quality Samples	Procedure			Are Quality Samples Tested
Code	Conditioned Before Testing?	Time	Temp., °F	RH, %	Under Controlled Conditions of Temperature & Humidity?
A1	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
B1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
F1	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
G1	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
L1	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH
O1	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
R1	No	--	--	--	No
W1	No	--	--	--	No
X1	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
A2	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
B2	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
C2	Yes	20 min	--	--	Yes: 72 ± 3.5°F; 50 ± 2% RH
D2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
E2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
F2	Yes	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
G2	Yes	10 min	--	--	Yes: 73 ± 3°F; 50 ± 3% RH
H2	Yes	--	--	--	Yes: 73 ± 3.5°F; 50% ± 2% RH
I2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
J2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
L2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
R2	Yes	10 min	70	50	Yes: 70 ± 4°F; 50 ± 5% RH
S2	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
T2	No	--	--	--	Yes: 73°F; 50% RH
W2	No	--	--	--	Yes: 73 ± 3°F; 50 ± 2% RH
Y2	No	--	--	--	No
C3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
D3	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
E3	No data has been submitted for this quarter				
F3	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
G3	No	--	--	--	Yes: 72 ± 2°F; 50 ± 1% RH
H3	No	--	--	--	No
I3	No	--	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
J3	No	--	--	--	Yes: 70 ± 2°F; 50 ± 2% RH
K3	No	--	--	--	Yes: 73°F; 50% RH
L3	No	--	--	--	Yes: 73 ± 3.5°F; 50 ± 2% RH
P3	Yes	--	73	50	Yes: 73 ± 2°F; 50 ± 2% RH
Q3	No	--	--	--	Yes: 72 ± 3°F; 50 ± 2% RH
R3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
S3	No	--	--	--	No
T3	No	--	--	--	No
U3	No data has been submitted for this quarter				
V3	No	--	--	--	Yes: 73 ± 3°F; 50 ± 1% RH
W3	No	--	--	--	Yes: 73°F; 50% RH
X3	No	--	--	--	Yes: 73°F; 50% RH
Y3	No	--	--	--	No
Z3	No	--	--	--	No
B4	Yes	7 min	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
F4	No	--	--	--	No
K4	Yes	15 min	--	--	Yes: 73 ± 1°F; 50 ± 2% RH
L4	Yes	10 min	--	--	Yes: 72 ± 2°F; 50 ± 2% RH
M4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
S4	Yes	15 min	--	--	Yes: 73 ± 3.5°F; 50 ± 3% RH
T4	No	--	--	--	Yes: 73 ± 2°F; 50 ± 2% RH
U4	No	--	--	--	Yes: 72 ± 5°F; 50 ± 5% RH

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APPENDIX

NOTES A, B, C, AND D, USED IN TABULATIONS OF MILL DATA

Notes A, B, C, and D, used in the tables of mill data are given below; these notes define the procedure used in calculating adjusted basis weight, machine factor, machine index, and F.K.B.G. index. It should be stressed that each formula is applicable only to a specific physical property of a specific grade weight of linerboard.

Note A: Adjusted basis weight (ABW) = reported weight (RBW) adjusted to moisture content of 7.8%:

$$ABW = RBW \left[\frac{(100 - \text{reported moisture content, \%})}{(100 - 7.8)}\right]$$

Note B: Machine factor (%) $= \left[\frac{\text{Current machine average}}{\text{Cumulative machine average}}\right] \cdot 100$ where

$$\text{Cumulative machine average} = \sum \frac{\text{CMA's}^a \text{ for previous 12 months exluding CMA for current month}}{12}$$

Note C: Machine index (%) $= \left[\frac{\text{Current machine average}}{\text{Cumulative F.K.B.G. average}}\right] \cdot 100$ where

$$\text{Cumulative F.K.B.G. average} = \sum \frac{\text{CFKBGA's}^b \text{ for previous 12 months excluding CFKBGA for current month}}{12}$$

Note D: F.K.B.G. index (%) $= \left[\frac{\text{Current F.K.B.G. average}}{\text{Cumulative F.K.B.G. average}}\right] \cdot 100$ where

$$\text{Current F.K.B.G. average} = \sum \frac{\text{CMA's}^a \text{ for current month for all machines}}{\text{Number of machines}}$$

---

[a] CMA = current machine average for a specific physical property of a specific linerboard grade weight obtained during a given month on a specific machine.

[b] CFKBGA = current F.K.B.G. average for a specific physical property of a specific linerboard grade weight obtained during a given month.